

Converting Colors

XYZ(85.5207, 86.5761, 92.5435)

Have a look what the booklet for
XYZ(85.5207, 86.5761, 92.5435)
contains.

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Color

**XYZ(85.5024, 86.4137,
92.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEBED
RGB	253, 235, 237
RGB Percent	99%, 92%, 93%
CMY	0.0078, 0.0784, 0.0706
CMYK	0.00, 0.07, 0.06, 0.01
HSL	353°, 82%, 96%
HSV	353°, 7%, 99%
XYZ	85.5024, 86.4137, 92.2938
YIQ	240.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

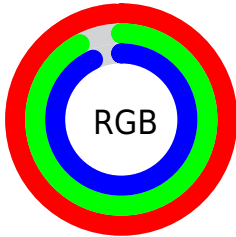
Format	Color
R _Y B	253, 235, 237
Decimal	16641005
CIE Lab	94.49, 6.42, 1.22
CIE LCh	94, 6.539, 10.752
Yxy	86.4137, 0.3236, 0.3271
Android (android.graphics.Color)	4294831085 (0xFFFDEBED)
YUV	240.6100, -1.7797, 10.8660
Hunter-Lab	92.9590, 1.5037, 6.2055

Details

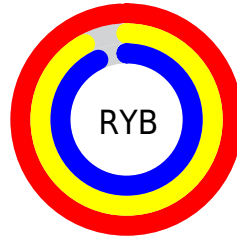
The XYZ color **85.5024, 86.4137, 92.2938** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8021, 94.8800, 105.0102**, and the grayscale version is **83.3126, 87.6514, 95.4523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2255, 47.3122, 50.3592** is the 20% darker color. If you saturate the color by 10%, you get **75.6850, 71.7119, 73.8113**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

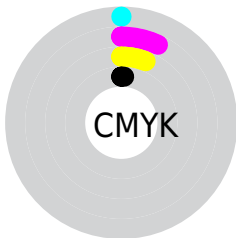
Distribution



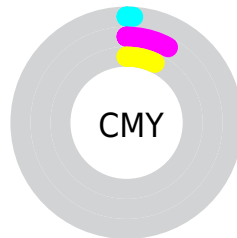
- Red (99%)
- Green (92%)
- Blue (93%)



- Red (99%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5024, 86.4137, 92.2938 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.5024, 86.4137, 92.2938 by changing the saturation by 10% instead.


 85.5024, 86.4137,
92.2938

 85.5024, 86.4137,
92.2938


501.7477,
516.2944, 556.2261

 64.5805, 65.0101,
69.3003


139.9853,
142.3467, 152.4838

 47.3844, 47.4693,
50.4830


174.2770,
177.6448, 190.5173

 33.5489, 33.4068,
35.4235


213.7560,
218.3433, 234.4012

 22.7085, 22.4383,
23.7031

258.7876,
264.8265, 284.5541

 14.4979, 14.1793,
14.9034

309.7372,
317.4788, 341.3945

 8.5518, 8.2455,
8.6057

366.9702,

 4.5048, 4.2524,

376.6846, 405.3409

4.3916

430.8519,
442.8283, 476.8119

■ 1.9915, 1.8157,
1.8426

■ 0.6292, 0.4970,
0.4558

■ 85.5024, 86.4137,
92.2938

■ 85.5024, 86.4137,
92.2938

■ 75.6850, 71.7119,
73.8113

94.3185, 99.6229,
108.8658

■ 67.2492, 59.1390,
57.7472

■ 60.1350, 48.5996,
44.0031

■ 54.2751, 39.9867,
32.4713

■ 49.5962, 33.1836,
23.0360

■ 46.0175, 28.0609,
15.5705

■ 43.4478, 24.4719,
9.9344

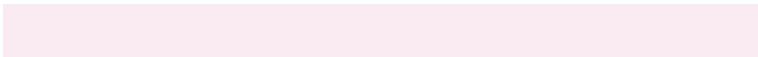
■ 41.7811, 22.2447,
5.9686

■ 40.8846, 21.1602,
3.4850

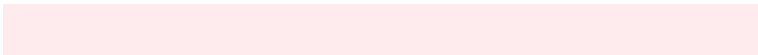
Harmonies

Analogous

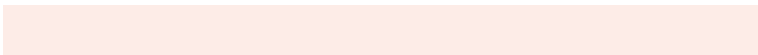
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3692, 86.4137, 97.3202



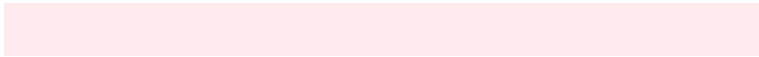
85.5024, 86.4137, 92.2938



84.7232, 86.4137, 87.9056

Triad

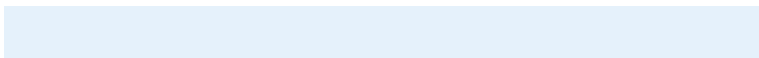
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5024, 86.4137, 92.2938



79.9449, 86.4137, 86.9392



81.0234, 86.4137, 103.5369

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



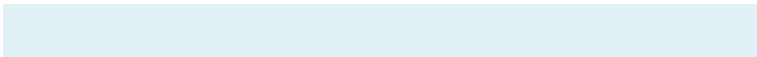
85.5024, 86.4137, 92.2938



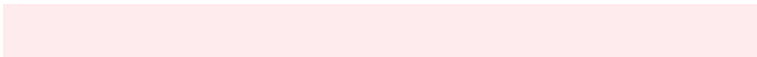
86.8021, 94.8800, 105.0102

Split Complementary

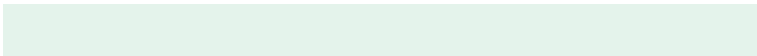
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5973, 86.4137, 100.5575



85.5024, 86.4137, 92.2938



78.9808, 86.4137, 90.9318

Square

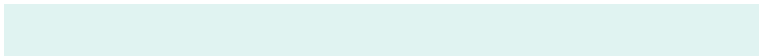
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5024, 86.4137, 92.2938



81.5041, 86.4137, 84.8883



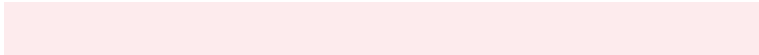
78.8545, 86.4137, 95.9090



82.7664, 86.4137, 103.9334

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



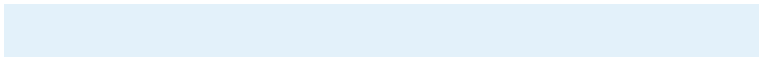
85.5024, 86.4137, 92.2938



83.7977, 86.4137, 85.8867



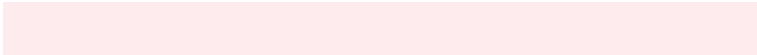
78.8545, 86.4137, 95.9090



80.4917, 86.4137, 102.7994

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85.5048, 86.4175, 92.2957



92.7230, 96.5005, 104.5652



87.1882, 87.0030, 105.1276



19.8709, 20.6917, 22.4267



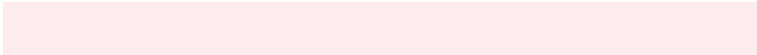
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

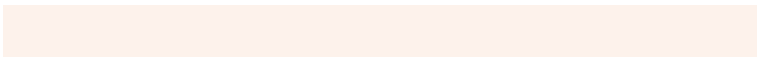
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5048, 86.4175, 92.2957



85.0476, 84.9762, 90.2105



87.2284, 90.3286, 91.4395



18.0913, 18.0198, 19.0977



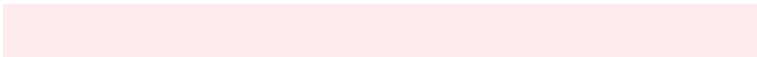
21.6861, 11.1637, 1.7315



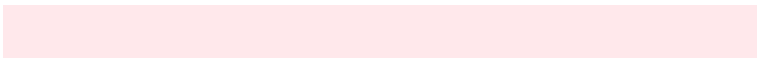
2.1369, 1.0971, 0.3022

Inverse Universe

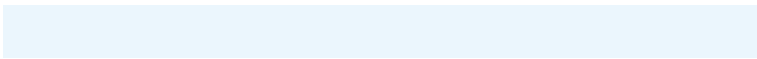
The Inverse Universe completely reimagines the original color for something new.



85.5048, 86.4175, 92.2957



85.0476, 84.9762, 90.2105



84.9799, 90.7294, 105.9632



18.0913, 18.0198, 19.0977



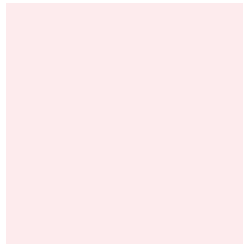
21.6861, 11.1637, 1.7315



2.1369, 1.0971, 0.3022

Previews

White Background



This preview shows how the XYZ color 85.5024, 86.4137, 92.2938 looks on a white background.

Color Contrast Check

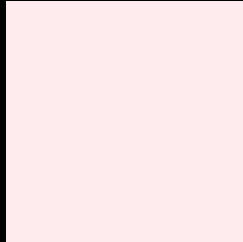
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.5024, 86.4137, 92.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

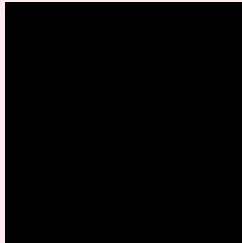
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

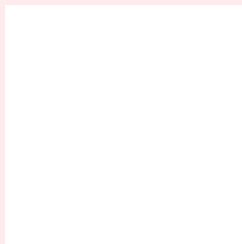
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5024, 86.4137, 92.2938

Background



This preview shows how black text looks on a background with the XYZ color 85.5024, 86.4137, 92.2938.



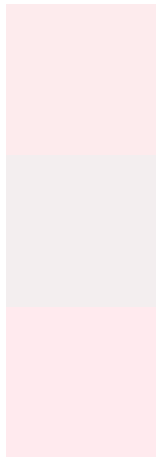
This preview shows how white text looks on a background with the XYZ color 85.5024, 86.4137,

92.2938.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.5024, 86.4137, 92.2938

Protanopia

83.1167, 86.4358, 93.9644

Deuteranopia

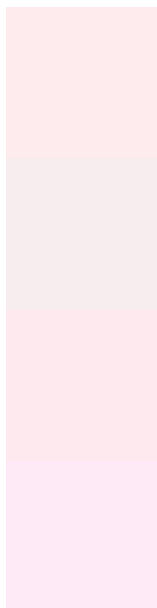
86.0954, 86.2787, 93.0047



Tritanopia

87.7915, 86.5029, 103.3364

Trichromacy



Original Color

85.5024, 86.4137, 92.2938

Protanomaly

84.0746, 86.5156, 93.1569

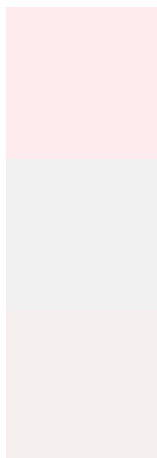
Deuteranomaly

85.7285, 86.0895, 92.9875

Tritanomaly

86.9304, 86.5703, 99.3168

Monochromacy



Original Color

85.5024, 86.4137, 92.2938

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2509, 87.4368, 94.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5024, 86.4137, 92.2938 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(253, 235, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 235, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 235, 237) }
```

Border

The CSS property to change the border of an element to XYZ 85.5024, 86.4137, 92.2938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 235, 237) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 235, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 235,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5024, 86.4137, 92.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 235, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
235, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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