

Converting Colors

XYZ(113.3957, 100.0000,
92.3594)

Have a look what the booklet for
XYZ(113.3957, 100.0000, 92.3594)
contains.

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Color

**XYZ(85.5192, 85.5940,
91.3708)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9EC
RGB	255, 233, 236
RGB Percent	100%, 91%, 93%
CMY	0.0000, 0.0863, 0.0745
CMYK	0.00, 0.09, 0.07, 0.00
HSL	352°, 100%, 96%
HSV	352°, 9%, 100%
XYZ	85.5192, 85.5940, 91.3708
YIQ	239.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

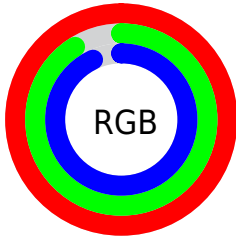
Format	Color
R _Y B	255, 233, 236
Decimal	16771564
CIE Lab	94.14, 7.97, 1.25
CIE LCh	94, 8.064, 8.909
Yxy	85.5940, 0.3258, 0.3261
Android (android.graphics.Color)	4294961644 (0xFFFE9EC)
YUV	239.9200, -1.9326, 13.2252
Hunter-Lab	92.5170, 3.0938, 6.2065

Details

The XYZ color **85.5192, 85.5940, 91.3708** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.9377, 95.8732, 106.0226**, and the grayscale version is **82.7717, 87.0822, 94.8326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2491, 46.7453, 49.7125** is the 20% darker color. If you saturate the color by 10%, you get **75.8100, 70.9851, 73.3071**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

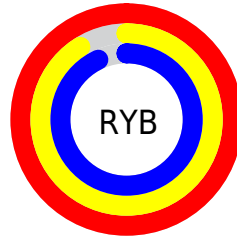
Distribution



Red (100%)

Green (91%)

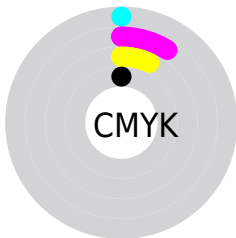
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

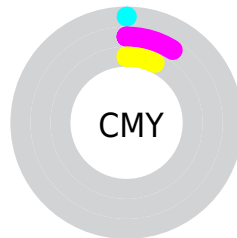


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5192, 85.5940, 91.3708 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 85.5192, 85.5940, 91.3708 by changing the saturation by 10% instead.


 85.5192, 85.5940,
91.3708

 85.5192, 85.5940,
91.3708

501.8023,
513.5915, 553.1647

 64.5944, 64.3323,
68.5380


140.0086,
141.2028, 151.1932

 47.3957, 46.9199,
49.8662


174.3040,
176.3187, 189.0198

 33.5579, 32.9723,
34.9366


213.7869,
216.8214, 232.6815

 22.7154, 22.1052,
23.3309

258.8227,
263.0954, 282.5968

 14.5031, 13.9342,
14.6304

309.7768,
315.5250, 339.1843

 8.5554, 8.0749,
8.4167

367.0146,

 4.5071, 4.1429,

374.4946, 402.8624

4.2712

430.9013,
440.3886, 474.0497

■ 1.9928, 1.7538,
1.7752

■ 0.6299, 0.4582,
0.4116

■ 85.5192, 85.5940,
91.3708

■ 85.5192, 85.5940,
91.3708

■ 75.8100, 70.9851,
73.3071

95.0500, 100.0000,
108.9000

■ 67.4778, 58.5219,
57.5780

■ 60.4618, 48.1064,
44.0895

■ 54.6940, 39.6290,
32.7392

■ 50.1006, 32.9695,
23.4166

■ 46.5996, 27.9944,
16.0013

■ 44.0987, 24.5520,
10.3599

■ 42.4895, 22.4630,
6.3416

■ 41.6240, 21.4745,
3.7645

Harmonies

Analogous

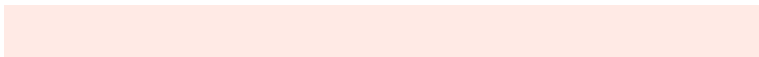
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2840, 85.5940, 97.5354



85.5192, 85.5940, 91.3708



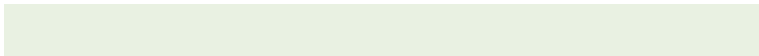
84.6232, 85.5940, 85.9375

Triad

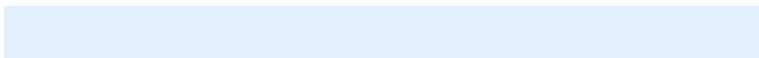
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5192, 85.5940, 91.3708



78.7785, 85.5940, 84.2606



79.8718, 85.5940, 104.7192

Complementary

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



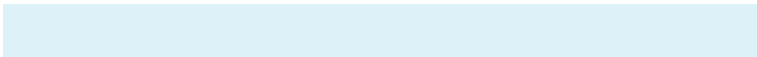
85.5192, 85.5940, 91.3708



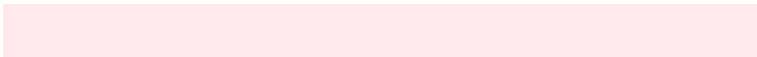
86.9377, 95.8732, 106.0226

Split Complementary

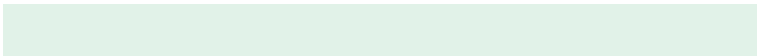
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1711, 85.5940, 100.8549



85.5192, 85.5940, 91.3708



77.5477, 85.5940, 88.9898

Square

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



85.5192, 85.5940, 91.3708



80.7142, 85.5940, 81.9531



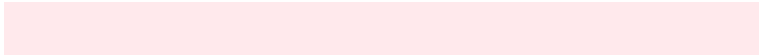
77.3273, 85.5940, 95.0480



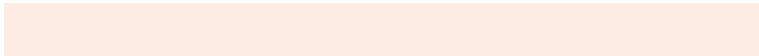
81.9982, 85.5940, 105.4256

Rectangle

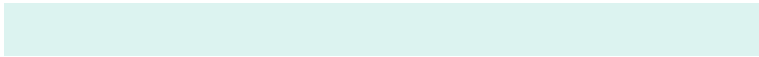
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



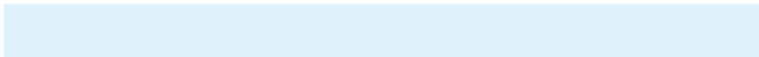
85.5192, 85.5940, 91.3708



83.5142, 85.5940, 83.3955



77.3273, 85.5940, 95.0480



79.2325, 85.5940, 103.7385

Sweetspot

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



85.5212, 85.5976, 91.3726



91.6121, 94.7975, 102.5953



87.2273, 86.1410, 106.6372



19.4169, 20.0004, 21.6070



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

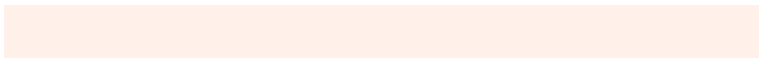
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5212, 85.5976, 91.3726



84.1020, 83.4574, 88.7467



87.3166, 89.8791, 89.8417



18.1101, 18.0273, 19.1969



21.7358, 11.1836, 1.9931



2.1457, 1.1007, 0.3487

Inverse Universe

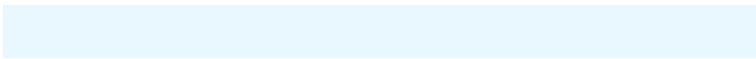
The Inverse Universe completely reimagines the original color for something new.



85.5212, 85.5976, 91.3726



84.1020, 83.4574, 88.7467



85.0095, 91.2512, 107.7405



18.1101, 18.0273, 19.1969



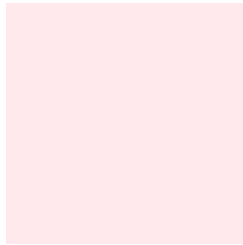
21.7358, 11.1836, 1.9931



2.1457, 1.1007, 0.3487

Previews

White Background



This preview shows how the XYZ color 85.5192, 85.5940, 91.3708 looks on a white background.

Color Contrast Check

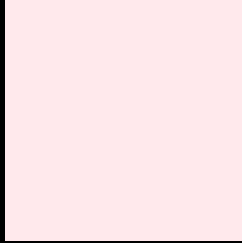
Large Text (above 18pt) WCAG AA × Fail

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 85.5192, 85.5940, 91.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

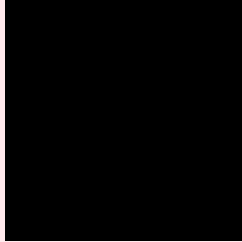
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.5192, 85.5940, 91.3708

Background



This preview shows how black text looks on a background with the XYZ color 85.5192, 85.5940, 91.3708.

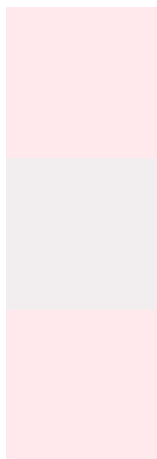


This preview shows how white text looks on a background with the XYZ color 85.5192, 85.5940,

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

85.5192, 85.5940, 91.3708

Protanopia

82.3348, 85.6187, 93.0755

Deuteranopia

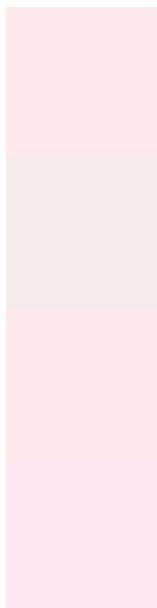
85.6650, 85.6523, 92.1383



Tritanopia

87.0399, 85.7505, 100.7709

Trichromacy



Original Color

85.5192, 85.5940, 91.3708

Protanomaly

83.6393, 85.8795, 92.2889

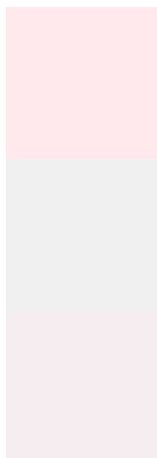
Deuteranomaly

85.6650, 85.6523, 92.1383

Tritanomaly

86.4257, 85.5049, 97.5369

Monochromacy



Original Color

85.5192, 85.5940, 91.3708

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.5204, 86.2128, 93.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5192, 85.5940, 91.3708 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(255, 233, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 236)  
}
```

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(255, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.5192, 85.5940, 91.3708 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(255, 233, 236) }
```


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

```
.border{ border-color:rgb(255, 233, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5192, 85.5940, 91.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 236) }
```

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

```
.background{ background-color: rgb(255,  
233, 236) }
```

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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