

Converting Colors

XYZ(86.1164, 86.5608, 92.2708)

Have a look what the booklet for
XYZ(86.1164, 86.5608, 92.2708)
contains.

XYZ(86.2344, 86.7911, 92.3281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.2344, 86.7911,
92.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDED
RGB	255, 235, 237
RGB Percent	100%, 92%, 93%
CMY	0.0000, 0.0784, 0.0706
CMYK	0.00, 0.08, 0.07, 0.00
HSL	354°, 100%, 96%
HSV	354°, 8%, 100%
XYZ	86.2344, 86.7911, 92.3281
YIQ	241.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

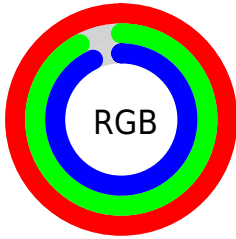
Format	Color
R _Y B	255, 235, 237
Decimal	16772077
CIE Lab	94.65, 7.11, 1.47
CIE LCh	95, 7.256, 11.715
Yxy	86.7911, 0.3250, 0.3271
Android (android.graphics.Color)	4294962157 (0xFFFFEDED)
YUV	241.2080, -2.0745, 12.0956
Hunter-Lab	93.1617, 2.1940, 6.4538

Details

The XYZ color **86.2344, 86.7911, 92.3281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7533, 96.2753, 106.8901**, and the grayscale version is **83.7843, 88.1476, 95.9927**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7493, 47.5822, 50.3837** is the 20% darker color. If you saturate the color by 10%, you get **76.3084, 71.9671, 73.5188**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

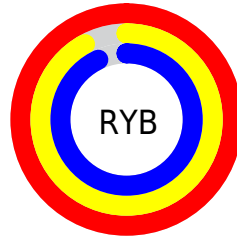
Distribution



Red (100%)

Green (92%)

Blue (93%)



Red (100%)

Yellow (92%)

Blue (93%)

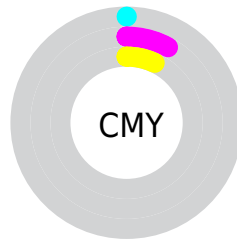


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2344, 86.7911, 92.3281 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 86.2344, 86.7911, 92.3281 by changing the saturation by 10% instead.


 86.2344, 86.7911,
92.3281

 86.2344, 86.7911,
92.3281


504.1262,
517.5362, 556.3396

 65.1877, 65.3223,
69.3286


141.0017,
142.8729, 152.5317

 47.8786, 47.7225,
50.5060


175.4530,
178.2548, 190.5729

 33.9416, 33.6072,
35.4416


215.1033,
219.0432, 234.4651

 23.0114, 22.5920,
23.7170

260.3179,
265.6224, 284.6268

 14.7227, 14.2925,
14.9135

311.4621,
318.3769, 341.4765

 8.7100, 8.3244,
8.6128

368.9013,

 4.6081, 4.3032,

377.6912, 405.4329

4.3961

433.0009,
443.9494, 476.9144

■ 2.0516, 1.8446,
1.8451

■ 0.6627, 0.5147,
0.4575

■ 86.2344, 86.7911,
92.3281

■ 86.2344, 86.7911,
92.3281

■ 76.3084, 71.9671,
73.5188

95.0500, 100.0000,
108.9000

■ 67.7958, 59.3091,
57.2179

■ 60.6340, 48.7190,
43.3207

■ 54.7533, 40.0867,
31.7135

■ 50.0776, 33.2920,
22.2729

■ 46.5229, 28.2016,
14.8642

■ 43.9944, 24.6639,
9.3374

■ 42.3811, 22.5007,
5.5214

■ 41.5394, 21.4754,
3.2116

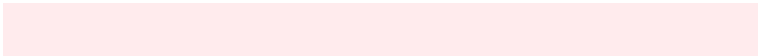
Harmonies

Analogous

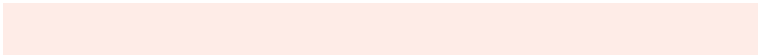
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1194, 86.7911, 97.9246



86.2344, 86.7911, 92.3281



85.3350, 86.7911, 87.5052

Triad

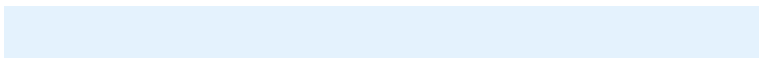
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2344, 86.7911, 92.3281



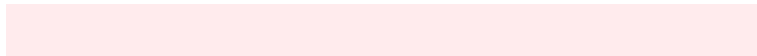
80.0121, 86.7911, 86.6776



81.3166, 86.7911, 105.1140

Complementary

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



86.2344, 86.7911, 92.3281



87.7533, 96.2753, 106.8901

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.



79.7135, 86.7911, 101.8595



86.2344, 86.7911, 92.3281



78.9686, 86.7911, 91.1577

Square

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



86.2344, 86.7911, 92.3281



81.7302, 86.7911, 84.3302



78.8601, 86.7911, 96.7072



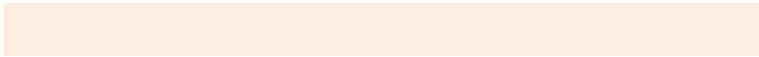
83.2592, 86.7911, 105.4578

Rectangle

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



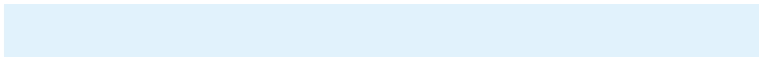
86.2344, 86.7911, 92.3281



84.2894, 86.7911, 85.3193



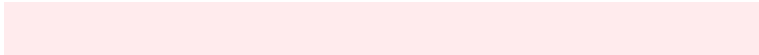
78.8601, 86.7911, 96.7072



80.7210, 86.7911, 104.3184

Sweetspot

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



86.2364, 86.7947, 92.3299



92.7141, 96.4969, 104.5183



88.2683, 87.5229, 106.8491



19.8691, 20.6910, 22.4172



0.0000, 0.0000, 0.0000



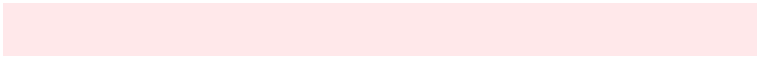
20.3446, 21.4041, 23.3091

Same Dimension

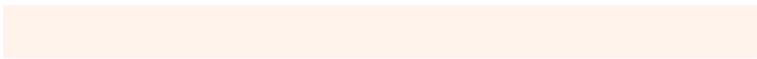
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2364, 86.7947, 92.3299



85.0110, 84.9615, 90.0174



88.2880, 91.3619, 91.5832



18.0830, 18.0165, 19.0543



21.6671, 11.1561, 1.6314



2.1330, 1.0956, 0.2818

Inverse Universe

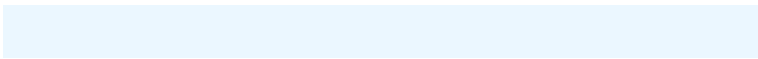
The Inverse Universe completely reimagines the original color for something new.



86.2364, 86.7947, 92.3299



85.0110, 84.9615, 90.0174



85.5745, 91.4062, 107.7406



18.0830, 18.0165, 19.0543



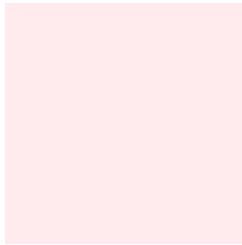
21.6671, 11.1561, 1.6314



2.1330, 1.0956, 0.2818

Previews

White Background



This preview shows how the XYZ color 86.2344, 86.7911, 92.3281 looks on a white background.

Color Contrast Check

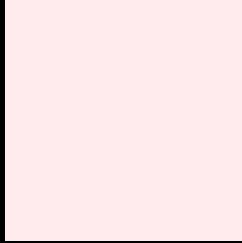
Large Text (above 18pt) WCAG AA × Fail

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 86.2344, 86.7911, 92.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

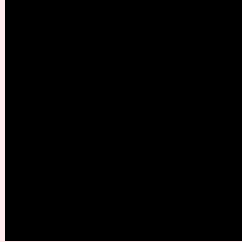
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2344, 86.7911, 92.3281

Background



This preview shows how black text looks on a background with the XYZ color 86.2344, 86.7911, 92.3281.



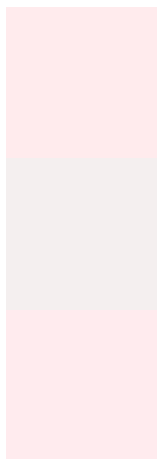
This preview shows how white text looks on a background with the XYZ color 86.2344, 86.7911,

92.3281.

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

86.2344, 86.7911, 92.3281

Protanopia

83.7547, 87.1981, 94.0779

Deuteranopia

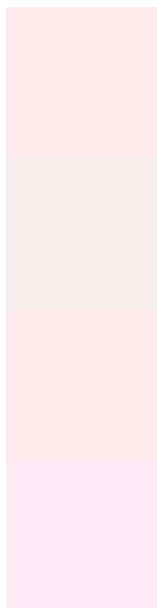
86.3809, 86.8497, 93.0998



Tritanopia

87.9181, 87.0078, 102.6029

Trichromacy



Original Color

86.2344, 86.7911, 92.3281

Protanomaly

84.7186, 87.2786, 93.2702

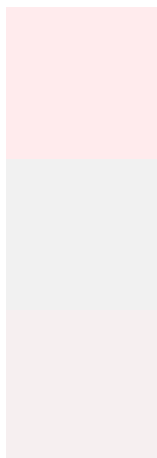
Deuteranomaly

86.3809, 86.8497, 93.0998

Tritanomaly

87.1442, 86.6982, 98.5276

Monochromacy



Original Color

86.2344, 86.7911, 92.3281

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.6007, 87.6171, 94.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2344, 86.7911, 92.3281 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, 235, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.2344, 86.7911, 92.3281 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, 235, 237) }
```


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

```
.border{ border-color:rgb(255, 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(255, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2344, 86.7911, 92.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 237) }
```

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

```
.background{ background-color: rgb(255,  
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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