

Converting Colors

XYZ(89.7495, 91.1372, 90.7360)

Have a look what the booklet for
XYZ(89.7495, 91.1372, 90.7360)
contains.

XYZ(87.5466, 90.1111, 90.6209)	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(87.5466, 90.1111,
90.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1EA
RGB	255, 241, 234
RGB Percent	100%, 95%, 92%
CMY	0.0000, 0.0549, 0.0823
CMYK	0.00, 0.05, 0.08, 0.00
HSL	20°, 100%, 96%
HSV	20°, 8%, 100%
XYZ	87.5466, 90.1111, 90.6209
YIQ	244.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

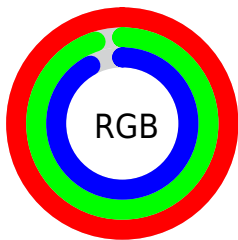
Format	Color
R _{YB}	255, 245, 234
Decimal	16773610
CIE Lab	96.04, 3.54, 5.05
CIE LCh	96, 6.168, 54.947
Yxy	90.1111, 0.3263, 0.3359
Android (android.graphics.Color)	4294963690 (0xFFFFF1EA)
YUV	244.3880, -5.1213, 9.3067
Hunter-Lab	94.9269, -1.4998, 9.8483

Details

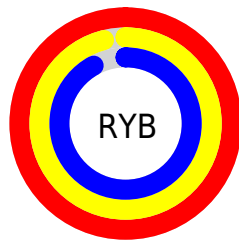
The XYZ color 87.5466, 90.1111, 90.6209 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.5483, 91.8449, 107.8267, and the grayscale version is 86.3354, 90.8316, 98.9156.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.6735, 49.9180, 49.1893 is the 20% darker color. If you saturate the color by 10%, you get 79.3459, 79.1566, 71.0954, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

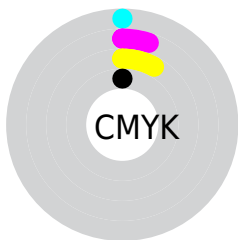
Distribution



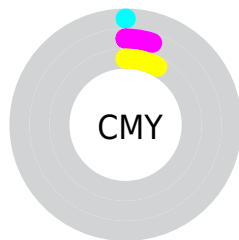
- Red (100%)
- Green (95%)
- Blue (92%)



- Red (100%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.5466, 90.1111, 90.6209 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 87.5466, 90.1111, 90.6209 by changing the saturation by 10% instead.

87.5466, 90.1111,
90.6209

87.5466, 90.1111,
90.6209

508.3749,
528.3922, 550.6707

66.2772, 68.0728,
67.9191

142.8215,
147.4927, 150.1436

48.7660, 49.9570,
49.3657

177.5577,
183.6048, 187.8016

34.6476, 35.3792,
34.5420

217.5136,
225.1769, 231.2821

23.5568, 23.9551,
23.0296

263.0544,
272.5935, 281.0036

15.1281, 15.3003,
14.4098

314.5457,
326.2389, 337.3847

8.9963, 9.0304,
8.2643

372.3526,

4.7958, 4.7610,

386.4976, 400.8438

4.1743

436.8405,
453.7539, 471.7997

■ 2.1615, 2.1077,
1.7215

■ 0.7223, 0.6690,
0.3754

■ 87.5466, 90.1111,
90.6209

■ 87.5466, 90.1111,
90.6209

■ 79.3459, 79.1566,
71.0954

95.0500, 100.0000,
108.9000

■ 72.1046, 69.3133,
54.3792

■ 65.7874, 60.5488,
40.3431

■ 60.3543, 52.8246,
28.8456

■ 55.7622, 46.1000,
19.7321

■ 51.9639, 40.3315,
12.8309

■ 48.9071, 35.4715,
7.9468

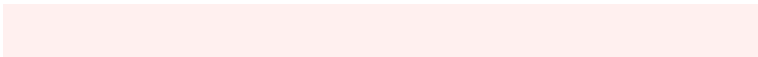
■ 46.5314, 31.4678,
4.8498

■ 44.7593, 28.2591,
3.2248

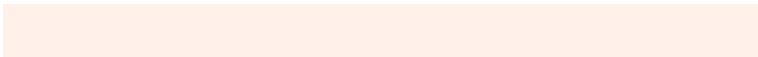
Harmonies

Analogous

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



88.6581, 90.1111, 94.2045



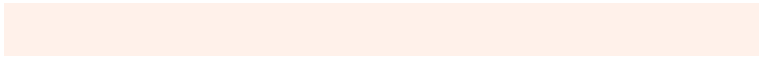
87.5466, 90.1111, 90.6209



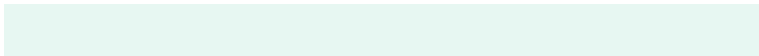
85.9373, 90.1111, 89.0480

Triad

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



87.5466, 90.1111, 90.6209



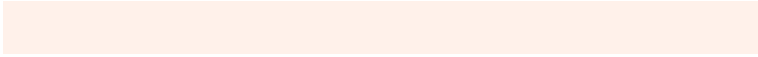
82.4203, 90.1111, 97.2902



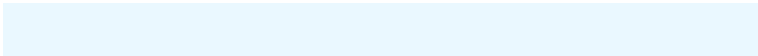
87.0396, 90.1111, 106.8867

Complementary

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



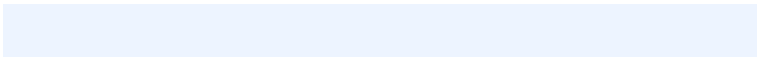
87.5466, 90.1111, 90.6209



85.5483, 91.8449, 107.8267

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.



85.3592, 90.1111, 107.7790



87.5466, 90.1111, 90.6209



82.7066, 90.1111, 102.1336

Square

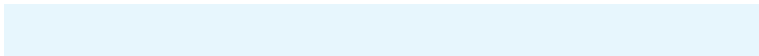
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5466, 90.1111, 90.6209



82.9893, 90.1111, 92.8160



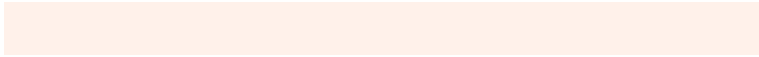
83.7768, 90.1111, 106.0127



88.3627, 90.1111, 103.6133

Rectangle

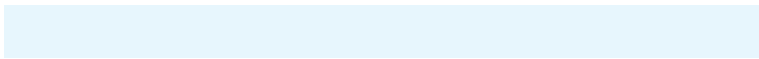
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5466, 90.1111, 90.6209



84.8042, 90.1111, 89.3121



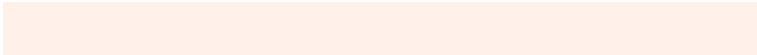
83.7768, 90.1111, 106.0127



86.4972, 90.1111, 107.4795

Sweetspot

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



87.5486, 90.1148, 90.6228



93.1649, 97.5264, 104.2745



87.6067, 86.8840, 100.9603



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



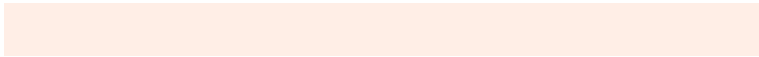
20.3446, 21.4041, 23.3091

Same Dimension

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



87.5486, 90.1148, 90.6228



86.0291, 88.0977, 86.9656



90.7452, 96.5080, 91.6883



18.5044, 18.9769, 18.8320



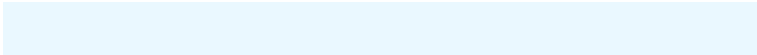
23.3706, 14.7525, 1.6157



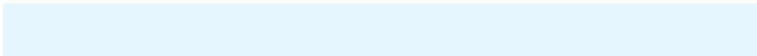
2.3712, 1.6277, 0.1892

Inverse Universe

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



85.5483, 91.8449, 107.8267



83.6291, 90.1729, 107.6051



82.4118, 85.5719, 106.7812



18.0145, 19.4006, 23.0452



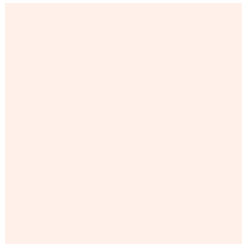
17.0798, 19.0692, 52.2151



1.7636, 2.0579, 5.1175

Previews

White Background



This preview shows how the XYZ color 87.5466, 90.1111, 90.6209 looks on a white background.

Color Contrast Check

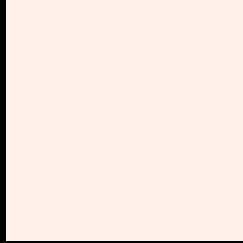
Large Text (above 18pt) WCAG AA × Fail

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 87.5466, 90.1111, 90.6209 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 87.5466, 90.1111, 90.6209

Background



This preview shows how black text looks on a background with the XYZ color 87.5466, 90.1111, 90.6209.

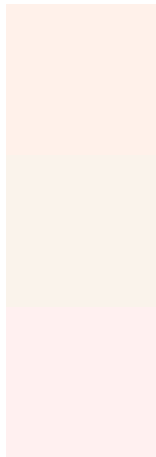


This preview shows how white text looks on a background with the XYZ color 87.5466, 90.1111,

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

87.5466, 90.1111, 90.6209

Protanopia

86.4703, 90.4233, 91.4932

Deuteranopia

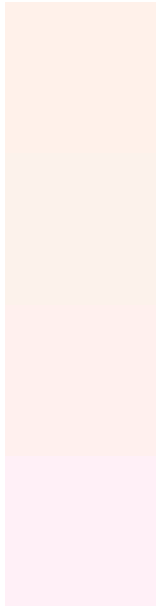
88.1283, 89.8714, 95.1401



Tritanopia

89.9959, 90.1488, 106.4231

Trichromacy



Original Color

87.5466, 90.1111, 90.6209

Protanomaly

86.8924, 90.1979, 91.4275

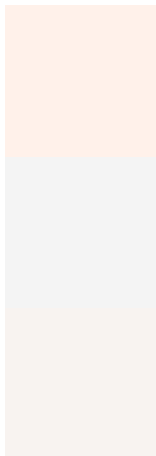
Deuteranomaly

87.8327, 89.7532, 93.5837

Tritanomaly

89.1886, 90.2956, 100.7237

Monochromacy



Original Color

87.5466, 90.1111, 90.6209

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.4902, 90.3489, 95.3186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5466, 90.1111, 90.6209 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, 241, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 234)  
}
```

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, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 234) }
```

Border

The CSS property to change the border of an element to XYZ 87.5466, 90.1111, 90.6209 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, 241, 234) }
```


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

```
.border{ border-color:rgb(255, 241, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5466, 90.1111, 90.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 234) }
```

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

```
.background{ background-color: rgb(255,  
241, 234) }
```

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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