

Converting Colors

XYZ(57.7180, 48.2923, 27.5845)

Have a look what the booklet for
XYZ(57.7180, 48.2923, 27.5845)
contains.

XYZ(57.7147, 48.1993, 27.7342)	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(57.7147, 48.1993,
27.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA183
RGB	254, 161, 131
RGB Percent	100%, 63%, 51%
CMY	0.0039, 0.3686, 0.4863
CMYK	0.00, 0.37, 0.48, 0.00
HSL	15°, 98%, 75%
HSV	15°, 48%, 100%
XYZ	57.7147, 48.1993, 27.7342
YIQ	185.3870, 65.0580, 10.3860

Conversions

Conversions Part 2

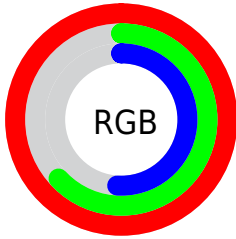
Format	Color
RYB	254, 171, 131
Decimal	16687491
CIELab	74.95, 31.37, 30.03
CIELCh	75, 43.431, 43.748
Yxy	48.1993, 0.4318, 0.3606
Android (android.graphics.Color)	4294877571 (0xFFFEA183)
YUV	185.3870, -26.8128, 60.1736
Hunter-Lab	69.4257, 26.8949, 24.9128

Details

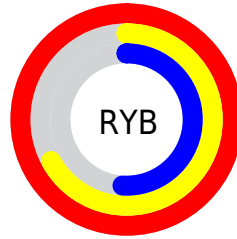
The XYZ color **57.7147, 48.1993, 27.7342** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.9037, 65.2893, 103.5268**, and the grayscale version is **46.4502, 48.8692, 53.2186**.

A 20% lighter version of the original color is **74.4476, 73.8324, 55.6747**, and **29.0959, 22.7885, 10.6497** is the 20% darker color. If you saturate the color by 10%, you get **53.0976, 41.3907, 18.7179**, and if you desaturate by 10%, it is **63.2716, 56.2123, 39.1463**.

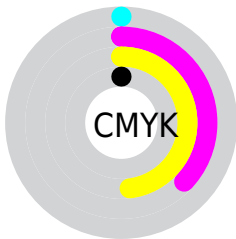
Distribution



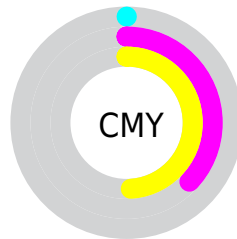
- Red (100%)
- Green (63%)
- Blue (51%)



- Red (100%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7147, 48.1993, 27.7342 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 57.7147, 48.1993, 27.7342 by changing the saturation by 10% instead.


 57.7147, 48.1993,
27.7342

 57.7147, 48.1993,
27.7342


406.0930,
379.5816, 305.0665


 41.8217, 33.9847,
17.8881


 100.6326, 87.5011,
57.0778

 29.1522, 22.8819,
10.7011

 128.3883,
113.3571, 77.4123

 19.3408, 14.5063,
5.7546


 160.8288,
143.8623, 102.0801

 12.0223, 8.4736,
2.6301

198.3197,
179.4013, 131.4997

 6.8312, 4.3995,
0.9079

241.2262,
220.3583, 166.0896

 3.4021, 1.8994,
0.0000

289.9137,

 1.3698, 0.5480,

267.1177, 206.2683

0.0000

344.7475,
320.0640, 252.4544

■ 0.2346, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7147, 48.1993,
27.7342

■ 57.7147, 48.1993,
27.7342

■ 53.0976, 41.3907,
18.7179

■ 63.2716, 56.2123,
39.1463

■ 49.3618, 35.7198,
11.9214

■ 69.8148, 65.4777,
53.1072

■ 46.4476, 31.1242,
7.1490

■ 77.3920, 76.0495,
69.7606

■ 44.2850, 27.5321,
4.1687

■ 86.0466, 87.9764,
89.2385

■ 42.7846, 24.8589,
2.6582

94.6830, 99.8108,
108.8828

■ 42.5936, 24.5121,
2.4864

Harmonies

Analogous

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



62.2502, 48.1993, 42.7851



57.7147, 48.1993, 27.7342



50.2066, 48.1993, 20.7623

Triad

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



57.7147, 48.1993, 27.7342



32.6941, 48.1993, 41.1987



49.5265, 48.1993, 107.2541

Complementary

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



57.7147, 48.1993, 27.7342



53.9037, 65.2893, 103.5268

Split Complementary

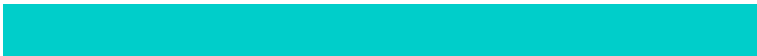
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.6816, 48.1993, 106.4618



57.7147, 48.1993, 27.7342



32.5568, 48.1993, 63.5408

Square

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



57.7147, 48.1993, 27.7342



36.0695, 48.1993, 26.8627



35.6698, 48.1993, 88.7769



57.1676, 48.1993, 90.7038

Rectangle

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



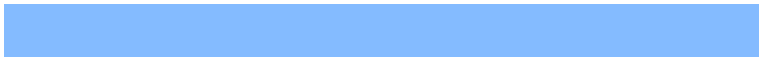
57.7147, 48.1993, 27.7342



44.8239, 48.1993, 19.8861



35.6698, 48.1993, 88.7769



46.8145, 48.1993, 109.1266

Sweetspot

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



57.7159, 48.2017, 27.7351



80.9503, 80.6936, 76.7842



62.6211, 42.7564, 76.4014



16.9458, 16.7452, 15.5827



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.



57.7159, 48.2017, 27.7351



53.7487, 42.0228, 19.2159



70.8791, 74.5282, 32.1229



18.3692, 18.7066, 18.7869



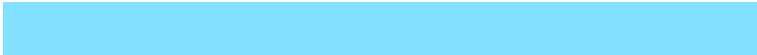
22.5516, 13.1144, 1.3427



2.2769, 1.4391, 0.1578

Inverse Universe

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



53.9037, 65.2893, 103.5268



49.4360, 60.9731, 103.7712



40.4895, 38.4609, 99.0554



18.1574, 19.6864, 23.0928



19.4950, 23.8996, 53.0202



1.9834, 2.4975, 5.1908

Previews

White Background



This preview shows how the XYZ color 57.7147, 48.1993, 27.7342 looks on a white background.

Color Contrast Check

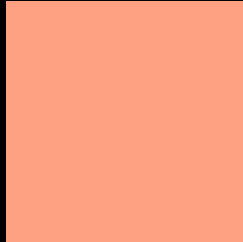
Large Text (above 18pt) WCAG AA × Fail

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 57.7147, 48.1993, 27.7342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

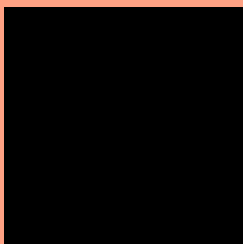
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7147, 48.1993, 27.7342

Background



This preview shows how black text looks on a background with the XYZ color 57.7147, 48.1993, 27.7342.



This preview shows how white text looks on a background with the XYZ color 57.7147, 48.1993,

27.7342.

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

57.7147, 48.1993, 27.7342

Protanopia

45.4454, 48.6268, 32.1900

Deuteranopia

49.4372, 48.3749, 27.1538



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

57.7147, 48.1993, 27.7342

Protanomaly

48.9541, 47.7622, 30.3058

Deuteranomaly

52.1296, 48.0344, 27.2929

Tritanomaly

59.3833, 48.0803, 37.1609

Monochromacy



Original Color

57.7147, 48.1993, 27.7342

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.8952, 47.4689, 42.1827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7147, 48.1993, 27.7342 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(254, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 161, 131)  
}
```

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(254, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 161, 131) }
```

Border

The CSS property to change the border of an element to XYZ 57.7147, 48.1993, 27.7342 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(254, 161, 131) }
```


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

```
.border{ border-color:rgb(254, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 161,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7147, 48.1993, 27.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 161, 131) }
```

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

```
.background{ background-color: rgb(254,  
161, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor