

Converting Colors

XYZ(61.6691, 57.6708, 44.9271)

Have a look what the booklet for
XYZ(61.6691, 57.6708, 44.9271)
contains.

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Color

**XYZ(61.6691, 57.6708,
44.9271)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BCA8
RGB	242, 188, 168
RGB Percent	95%, 74%, 66%
CMY	0.0510, 0.2627, 0.3412
CMYK	0.00, 0.22, 0.31, 0.05
HSL	16°, 74%, 80%
HSV	16°, 31%, 95%
XYZ	61.6691, 57.6708, 44.9271
YIQ	201.8660, 38.6040, 5.2280

Conversions

Conversions Part 2

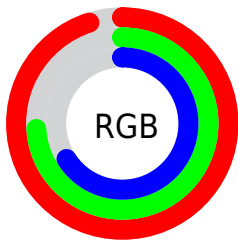
Format	Color
R _{YB}	242, 195, 168
Decimal	15908008
CIE Lab	80.56, 16.67, 17.58
CIE LCh	81, 24.228, 46.519
Yxy	57.6708, 0.3754, 0.3511
Android (android.graphics.Color)	4294098088 (0xFFF2BCA8)
YUV	201.8660, -16.6959, 35.1975
Hunter-Lab	75.9413, 12.0559, 18.0828

Details

The XYZ color **61.6691, 57.6708, 44.9271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2961, 66.9763, 93.8599**, and the grayscale version is **56.1407, 59.0644, 64.3211**.

A 20% lighter version of the original color is **86.9100, 91.2891, 82.8519**, and **31.8239, 28.9032, 20.4246** is the 20% darker color. If you saturate the color by 10%, you get **56.0770, 49.7649, 32.9561**, and if you desaturate by 10%, it is **68.1454, 66.6730, 59.2639**.

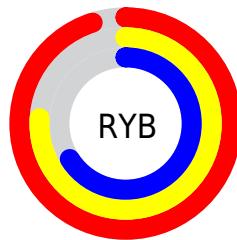
Distribution



Red (95%)

Green (74%)

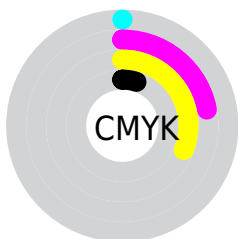
Blue (66%)



Red (95%)

Yellow (76%)

Blue (66%)

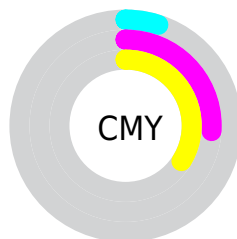


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6691, 57.6708, 44.9271 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 61.6691, 57.6708, 44.9271 by changing the saturation by 10% instead.

 61.6691, 57.6708,
44.9271


 61.6691, 57.6708,
44.9271

420.4599,
415.9581, 382.6297

 45.0200, 41.5440,
31.0575


 106.3398,
101.4433, 83.9283

 31.6745, 28.7444,
20.3838

 135.0920,
129.8579, 109.8970

 21.2673, 18.8876,
12.4875


168.6094,
163.1371, 140.7357

 13.4331, 11.5891,
6.9500

207.2572,
201.6655, 176.8631

 7.8065, 6.4645,
3.3529

251.4008,
245.8274, 218.6976

 4.0222, 3.1295,
1.2775

301.4055,

 1.7147, 1.1997,

296.0072, 266.6579

0.0433

357.6368,
352.5893, 321.1624

■ 0.4654, 0.0615,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6691, 57.6708,
44.9271

■ 61.6691, 57.6708,
44.9271

■ 56.0770, 49.7649,
32.9561

■ 68.1454, 66.6730,
59.2639

■ 51.3247, 42.9048,
23.2191

■ 75.5385, 76.8035,
76.0816

■ 47.3704, 37.0477,
15.5766

■ 83.8852, 88.1031,
95.4919

■ 44.1669, 32.1448,
9.8719

■ 90.4281, 97.6173,
108.6837

■ 41.6612, 28.1425,
5.9257

■ 39.7924, 24.9817,
3.5249

■ 38.5326, 22.7064,
2.3519

Harmonies

Analogous

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



64.5140, 57.6708, 55.3164



61.6691, 57.6708, 44.9271



57.0765, 57.6708, 39.7279

Triad

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



61.6691, 57.6708, 44.9271



46.0222, 57.6708, 56.6167



57.5816, 57.6708, 92.9166

Complementary

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



61.6691, 57.6708, 44.9271



58.2961, 66.9763, 93.8599

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.



52.6128, 57.6708, 93.4060



61.6691, 57.6708, 44.9271



46.1392, 57.6708, 70.9161

Square

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



61.6691, 57.6708, 44.9271



48.1574, 57.6708, 45.7543



48.4874, 57.6708, 84.8619



62.0581, 57.6708, 83.6117

Rectangle

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



61.6691, 57.6708, 44.9271



53.7347, 57.6708, 39.3034



48.4874, 57.6708, 84.8619



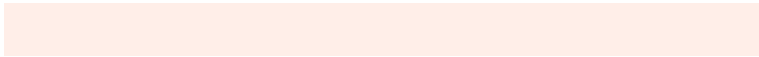
55.9084, 57.6708, 94.1614

Sweetspot

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



61.6706, 57.6735, 44.9283



86.4612, 88.3862, 88.8844



63.8417, 52.1715, 76.0006



18.2269, 18.5383, 18.3809



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.



61.6706, 57.6735, 44.9283



65.2340, 59.0044, 41.5074



70.5395, 75.4113, 47.8846



16.1204, 16.4540, 16.4760



20.7964, 12.3910, 1.2956



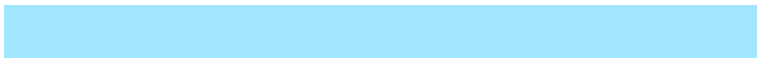
1.8097, 1.1900, 0.1343

Inverse Universe

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



58.2961, 66.9763, 93.8599



60.8337, 71.0732, 105.1200



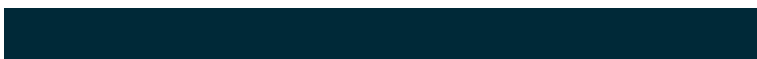
49.5809, 49.5460, 90.9549



15.8649, 17.1640, 20.1984



17.1304, 20.4850, 48.1790



1.5069, 1.8678, 4.0353

Previews

White Background



This preview shows how the XYZ color 61.6691, 57.6708, 44.9271 looks on a white background.

Color Contrast Check

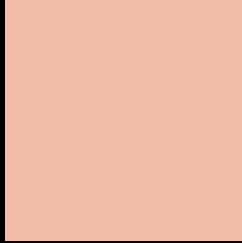
Large Text (above 18pt) WCAG AA × Fail

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 61.6691, 57.6708, 44.9271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

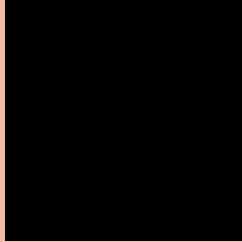
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6691, 57.6708, 44.9271

Background



This preview shows how black text looks on a background with the XYZ color 61.6691, 57.6708, 44.9271.



This preview shows how white text looks on a background with the XYZ color 61.6691, 57.6708,

44.9271.

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

61.6691, 57.6708, 44.9271

Protanopia

54.8726, 58.0662, 48.3602

Deuteranopia

59.0000, 57.9189, 44.6290



Tritanopia

64.9897, 57.7707, 61.1516

Trichromacy



Original Color

61.6691, 57.6708, 44.9271

Protanomaly

57.3105, 57.9880, 47.2019

Deuteranomaly

59.8668, 57.7138, 44.5438

Tritanomaly

63.6268, 57.5189, 54.7625

Monochromacy



Original Color

61.6691, 57.6708, 44.9271

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8758, 58.4019, 56.9375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6691, 57.6708, 44.9271 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(242, 188, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 168)  
}
```

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(242, 188, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 168) }
```

Border

The CSS property to change the border of an element to XYZ 61.6691, 57.6708, 44.9271 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(242, 188, 168) }
```


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

```
.border{ border-color:rgb(242, 188, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 188, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 188, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 188, 168);  
box-shadow:4px 4px 4px 4px rgb(242, 188,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6691, 57.6708, 44.9271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 168) }
```

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

```
.background{ background-color: rgb(242,  
188, 168) }
```

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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