

Converting Colors

XYZ(67.7802, 58.5574, 62.9910)

Have a look what the booklet for
XYZ(67.7802, 58.5574, 62.9910)
contains.

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Color

**XYZ(67.7786, 58.5556,
62.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB6C9
RGB	253, 182, 201
RGB Percent	99%, 71%, 79%
CMY	0.0078, 0.2863, 0.2118
CMYK	0.00, 0.28, 0.21, 0.01
HSL	344°, 95%, 85%
HSV	344°, 28%, 99%
XYZ	67.7786, 58.5556, 62.9884
YIQ	205.3950, 36.2170, 20.9610

Conversions

Conversions Part 2

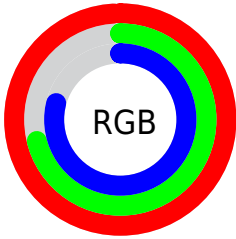
Format	Color
R _Y B	253, 182, 201
Decimal	16627401
CIE Lab	81.05, 28.40, 0.68
CIE LCh	81, 28.409, 1.362
Yxy	58.5556, 0.3580, 0.3093
Android (android.graphics.Color)	4294817481 (0xFFFD6C9)
YUV	205.3950, -2.1667, 41.7496
Hunter-Lab	76.5216, 24.1925, 4.7609

Details

The XYZ color **67.7786, 58.5556, 62.9884** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2704, 86.1377, 90.8214**, and the grayscale version is **58.2784, 61.3135, 66.7704**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.4913, 29.1470, 31.3591** is the 20% darker color. If you saturate the color by 10%, you get **61.0078, 48.2943, 50.6175**, and if you desaturate by 10%, it is **75.7517, 70.7995, 77.0588**.

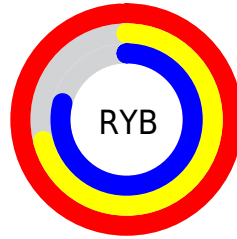
Distribution



Red (99%)

Green (71%)

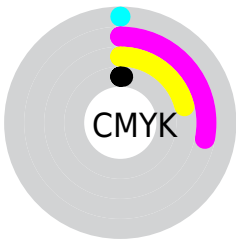
Blue (79%)



Red (99%)

Yellow (71%)

Blue (79%)

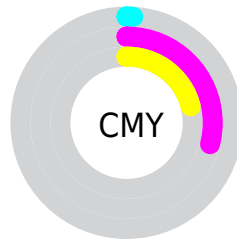


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7786, 58.5556, 62.9884 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 67.7786, 58.5556, 62.9884 by changing the saturation by 10% instead.

 67.7786, 58.5556,
62.9884

 67.7786, 58.5556,
62.9884


442.1002,
419.2530, 453.6342

 49.9907, 42.2555,
45.3909


 115.0790,
102.7315, 110.7382

 35.6237, 29.3014,
31.4202


145.3222,
131.3761, 141.7275

 24.3125, 19.3089,
20.6579

180.4478,
164.9042, 178.0179

 15.6916, 11.8937,
12.6854

220.8213,
203.7004, 220.0279

 9.3956, 6.6713,
7.0841

266.8079,
248.1490, 268.1759

 5.0593, 3.2574,
3.4355


318.7730,


 2.3172, 1.2676,


298.6344, 322.8807


1.3211

377.0820,
355.5409, 384.5605

 0.8035, 0.1159,
0.0790


 0.0000, 0.0000,
0.0000

 67.7786, 58.5556,
62.9884


 67.7786, 58.5556,
62.9884

 61.0078, 48.2943,
50.6175


 75.7517, 70.7995,
77.0588

 55.3746, 39.9028,
39.8768

 84.9777, 85.1147,
92.8874

 50.8156, 33.2697,
30.6970

94.3183, 99.6228,
108.8658

 47.2591, 28.2679,
23.0024

■ 44.6239, 24.7536,
16.7103

■ 42.8154, 22.5568,
11.7292

■ 41.7080, 21.4479,
7.9509

■ 41.5423, 21.2964,
7.3408

Harmonies

Analogous

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



66.2125, 58.5556, 80.6226



67.7786, 58.5556, 62.9884



65.9104, 58.5556, 48.3052

Triad

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



67.7786, 58.5556, 62.9884



49.9600, 58.5556, 39.8527



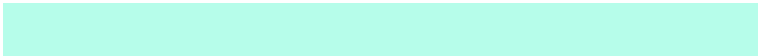
50.3956, 58.5556, 96.7175

Complementary

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



67.7786, 58.5556, 62.9884



69.2704, 86.1377, 90.8214

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.



46.5233, 58.5556, 82.1959



67.7786, 58.5556, 62.9884



46.2846, 58.5556, 49.4247

Square

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



67.7786, 58.5556, 62.9884



55.3863, 58.5556, 36.4901



45.0714, 58.5556, 64.5320



55.9253, 58.5556, 102.0455

Rectangle

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



67.7786, 58.5556, 62.9884



63.0401, 58.5556, 41.6060



45.0714, 58.5556, 64.5320



48.8710, 58.5556, 92.6364

Sweetspot

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



67.7802, 58.5583, 62.9896



86.5708, 86.7426, 94.6636



68.0259, 57.8547, 100.5108



18.2089, 18.0669, 19.7174



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.



67.7802, 58.5583, 62.9896



64.7569, 53.1597, 56.4254



69.0069, 64.3695, 53.0468



18.2089, 18.0669, 19.7174



22.1501, 11.3493, 4.1749



2.1998, 1.1223, 0.6333

Inverse Universe

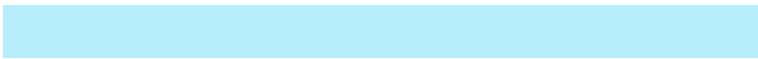
The Inverse Universe completely reimagines the original color for something new.



67.7802, 58.5583, 62.9896



64.7569, 53.1597, 56.4254



67.4862, 77.9649, 104.4209



18.2089, 18.0669, 19.7174



22.1501, 11.3493, 4.1749



2.1998, 1.1223, 0.6333

Previews

White Background



This preview shows how the XYZ color 67.7786, 58.5556, 62.9884 looks on a white background.

Color Contrast Check

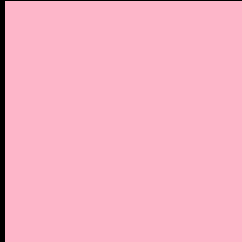
Large Text (above 18pt) WCAG AA × Fail

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 67.7786, 58.5556, 62.9884 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 67.7786, 58.5556, 62.9884

Background



This preview shows how black text looks on a background with the XYZ color 67.7786, 58.5556, 62.9884.



This preview shows how white text looks on a background with the XYZ color 67.7786, 58.5556,

62.9884.

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

67.7786, 58.5556, 62.9884

Protanopia

56.8951, 58.6186, 70.6032

Deuteranopia

59.9481, 58.6833, 62.2002



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

67.7786, 58.5556, 62.9884



Protanomaly

60.2739, 58.0661, 67.7056



Deuteranomaly

62.4431, 58.3207, 62.6095



Tritanomaly

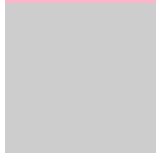
67.6345, 58.8268, 61.2161

Monochromacy



Original Color

67.7786, 58.5556, 62.9884



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.9895, 59.8217, 65.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7786, 58.5556, 62.9884 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(253, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 182, 201)  
}
```

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(253, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 182, 201) }
```

Border

The CSS property to change the border of an element to XYZ 67.7786, 58.5556, 62.9884 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(253, 182, 201) }
```


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

```
.border{ border-color:rgb(253, 182, 201) }
```

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

Here you see how a box with a 4 pixel rgb(253, 182, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 182,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7786, 58.5556, 62.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 182, 201) }
```

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

```
.background{ background-color: rgb(253,  
182, 201) }
```

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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