

Converting Colors

XYZ(65.2408, 56.6813, 52.9120)

Have a look what the booklet for
XYZ(65.2408, 56.6813, 52.9120)
contains.

XYZ(65.2798, 56.5835, 52.8285)	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(65.2798, 56.5835,
52.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB3B8
RGB	253, 179, 184
RGB Percent	99%, 70%, 72%
CMY	0.0078, 0.2980, 0.2784
CMYK	0.00, 0.29, 0.27, 0.01
HSL	356°, 95%, 85%
HSV	356°, 29%, 99%
XYZ	65.2798, 56.5835, 52.8285
YIQ	201.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

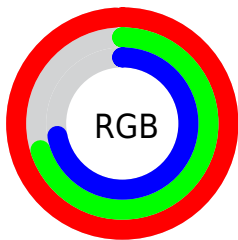
Format	Color
R _Y B	253, 179, 184
Decimal	16626616
CIE Lab	79.94, 27.59, 8.27
CIE LCh	80, 28.804, 16.676
Yxy	56.5835, 0.3737, 0.3239
Android (android.graphics.Color)	4294816696 (0xFFFD B3B8)
YUV	201.6960, -8.7241, 44.9936
Hunter-Lab	75.2220, 23.2689, 11.0160

Details

The XYZ color **65.2798, 56.5835, 52.8285** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6613, 86.6128, 101.8049**, and the grayscale version is **55.9850, 58.9006, 64.1427**.

A 20% lighter version of the original color is **86.6765, 86.9679, 94.6562**, and **34.0633, 28.1625, 25.1133** is the 20% darker color. If you saturate the color by 10%, you get **58.3963, 46.4495, 39.3335**, and if you desaturate by 10%, it is **73.5090, 68.7483, 68.8080**.

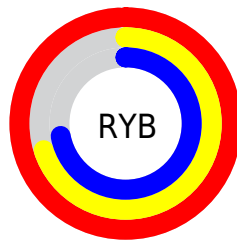
Distribution



Red (99%)

Green (70%)

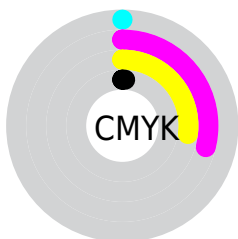
Blue (72%)



Red (99%)

Yellow (70%)

Blue (72%)

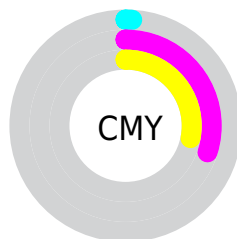


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (1%)



Cyan (1%)


Magenta (30%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2798, 56.5835, 52.8285 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 65.2798, 56.5835, 52.8285 by changing the saturation by 10% instead.

 65.2798, 56.5835,
52.8285

 65.2798, 56.5835,
52.8285


433.3261,
411.8868, 414.6744

 47.9535, 40.6709,
37.2791


 111.5155, 99.8572,
95.7909

 34.0012, 28.0621,
25.1262


141.1556,
127.9871, 124.0411

 23.0574, 18.3724,
15.9512


175.6311,
160.9583, 157.3618

 14.7568, 11.2177,
9.3357

215.3073,
199.1552, 196.1718

 8.7341, 6.2135,
4.8610

260.5495,
242.9620, 240.8895

 4.6239, 2.9753,
2.1086

311.7232,

 2.0608, 1.1189,

292.7633, 291.9335

0.6209

369.1936,
348.9434, 349.7223

■ 0.6678, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2798, 56.5835,
52.8285

■ 65.2798, 56.5835,
52.8285

■ 58.3963, 46.4495,
39.3335

■ 73.5090, 68.7483,
68.8080

■ 52.7826, 38.2281,
28.1950

■ 83.1455, 83.0375,
87.3844

■ 48.3622, 31.8017,
19.2786

94.2525, 99.5487,
108.6674

■ 45.0486, 27.0359,
12.4352

94.3181, 99.6227,
108.8657

■ 42.7434, 23.7779,
7.4973

■ 41.3308, 21.8464,
4.2712

■ 40.6451, 20.9706,
2.5152

■ 40.6099, 20.9234,
2.4318

Harmonies

Analogous

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



65.4736, 56.5835, 69.3283



65.2798, 56.5835, 52.8285



61.8654, 56.5835, 41.0378

Triad

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



65.2798, 56.5835, 52.8285



46.0132, 56.5835, 42.0614



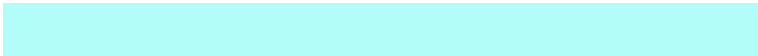
51.2325, 56.5835, 98.5320

Complementary

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



65.2798, 56.5835, 52.8285



70.6613, 86.6128, 101.8049

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.



46.4333, 56.5835, 88.1131



65.2798, 56.5835, 52.8285



43.5705, 56.5835, 54.4866

Square

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



65.2798, 56.5835, 52.8285



50.6203, 56.5835, 35.6369



43.7185, 56.5835, 71.3140



57.0704, 56.5835, 97.8673

Rectangle

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



65.2798, 56.5835, 52.8285



58.3540, 56.5835, 36.5304



43.7185, 56.5835, 71.3140



49.4533, 56.5835, 96.1397

Sweetspot

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



65.2813, 56.5862, 52.8296



84.9044, 84.9189, 89.4564



72.1503, 59.0786, 100.5293



17.8467, 17.6916, 18.5199



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.



65.2813, 56.5862, 52.8296



62.2556, 51.4115, 45.5586



71.6518, 70.1504, 52.4151



18.0591, 18.0070, 18.9284



21.6209, 11.1376, 1.3880



2.1217, 1.0911, 0.2223

Inverse Universe

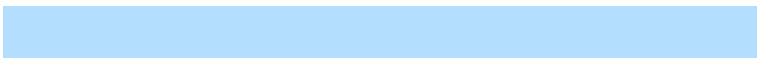
The Inverse Universe completely reimagines the original color for something new.



65.2813, 56.5862, 52.8296



62.2556, 51.4115, 45.5586



62.4878, 69.0089, 102.9553



18.0591, 18.0070, 18.9284



21.6209, 11.1376, 1.3880



2.1217, 1.0911, 0.2223

Previews

White Background



This preview shows how the XYZ color 65.2798, 56.5835, 52.8285 looks on a white background.

Color Contrast Check

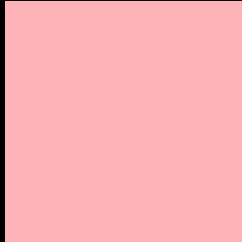
Large Text (above 18pt) WCAG AA × Fail

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 65.2798, 56.5835, 52.8285 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 65.2798, 56.5835, 52.8285

Background



This preview shows how black text looks on a background with the XYZ color 65.2798, 56.5835, 52.8285.



This preview shows how white text looks on a background with the XYZ color 65.2798, 56.5835,

52.8285.

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

65.2798, 56.5835, 52.8285

Protanopia

54.5603, 56.9797, 59.1615

Deuteranopia

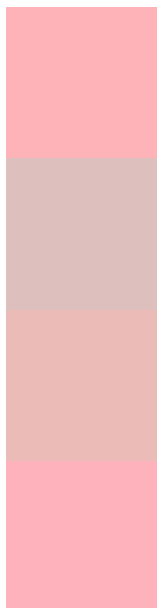
58.0336, 56.9240, 52.1847



Tritanopia

66.1974, 56.6732, 56.7403

Trichromacy



Original Color

65.2798, 56.5835, 52.8285

Protanomaly

57.7439, 56.3515, 56.5487

Deuteranomaly

60.5785, 56.6217, 52.5360

Tritanomaly

65.8705, 56.5425, 55.0190

Monochromacy



Original Color

65.2798, 56.5835, 52.8285

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.9609, 57.8959, 59.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2798, 56.5835, 52.8285 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(253, 179, 184)  
}
```

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, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.2798, 56.5835, 52.8285 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, 179, 184) }
```


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

```
.border{ border-color:rgb(253, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(253, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2798, 56.5835, 52.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 179, 184) }
```

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

```
.background{ background-color: rgb(253,  
179, 184) }
```

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