

Converting Colors

XYZ(73.6707, 61.7259, 53.0298)

Have a look what the booklet for
XYZ(73.6707, 61.7259, 53.0298)
contains.

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Color

**XYZ(66.5152, 58.1348,
52.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6B7
RGB	255, 182, 183
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2862, 0.2823
CMYK	0.00, 0.29, 0.28, 0.00
HSL	359°, 100%, 86%
HSV	359°, 29%, 100%
XYZ	66.5152, 58.1348, 52.5152
YIQ	203.9410, 43.1870, 15.7870

Conversions

Conversions Part 2

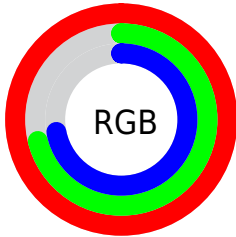
Format	Color
R _Y B	255, 182, 183
Decimal	16758455
CIE Lab	80.81, 26.61, 10.07
CIE LCh	81, 28.456, 20.735
Yxy	58.1348, 0.3754, 0.3281
Android (android.graphics.Color)	4294948535 (0xFFFFB6B7)
YUV	203.9410, -10.3239, 44.7787
Hunter-Lab	76.2462, 22.2880, 12.5358

Details

The XYZ color **66.5152, 58.1348, 52.5152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9431, 88.6219, 107.0314**, and the grayscale version is **57.4026, 60.3920, 65.7669**.

A 20% lighter version of the original color is **87.3945, 88.6411, 94.1646**, and **34.9055, 29.1825, 24.9122** is the 20% darker color. If you saturate the color by 10%, you get **59.3722, 47.6707, 38.3518**, and if you desaturate by 10%, it is **75.0798, 70.6931, 69.4618**.

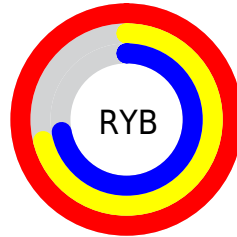
Distribution



Red (100%)

Green (71%)

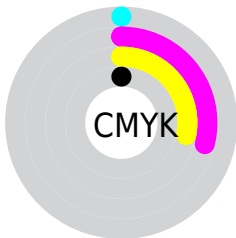
Blue (72%)



Red (100%)

Yellow (71%)

Blue (72%)

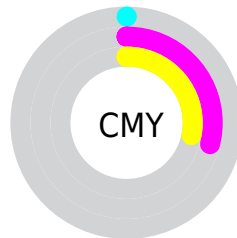


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5152, 58.1348, 52.5152 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 66.5152, 58.1348, 52.5152 by changing the saturation by 10% instead.

66.5152, 58.1348,
52.5152

66.5152, 58.1348,
52.5152

437.6768,
417.6880, 413.4358

48.9600, 41.9170,
37.0308

113.2791,
102.1191, 95.3249

34.8022, 29.0363,
24.9354

143.2185,
130.6545, 123.4873

23.6763, 19.1083,
15.8103

178.0167,
164.0645, 156.7128

15.2171, 11.7486,
9.2371

218.0390,
202.7335, 195.4200

9.0592, 6.5727,
4.7973

263.6509,
247.0460, 240.0273

4.8372, 3.1963,
2.0722

315.2175,

2.1859, 1.2351,

297.3863, 290.9534

0.5991

373.1044,
354.1389, 348.6167

■ 0.7353, 0.0901,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5152, 58.1348,
52.5152

■ 66.5152, 58.1348,
52.5152

■ 59.3722, 47.6707,
38.3518

■ 75.0798, 70.6931,
69.4618

■ 53.5699, 39.1794,
26.8195

■ 85.1325, 85.4422,
89.3254

■ 49.0259, 32.5397,
17.7573

95.0500, 100.0000,
108.9000

■ 45.6471, 27.6134,
10.9851

■ 43.3274, 24.2435,
6.2981

■ 41.9414, 22.2438,
3.4556

■ 41.3161, 21.3513,
2.1428

■ 41.2590, 21.2676,
2.0303

Harmonies

Analogous

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



67.1791, 58.1348, 68.6550



66.5152, 58.1348, 52.5152



62.7226, 58.1348, 41.3977

Triad

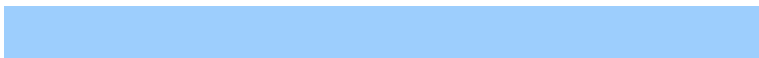
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5152, 58.1348, 52.5152



46.9577, 58.1348, 44.9414



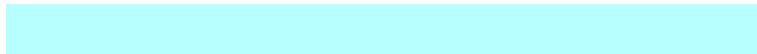
53.4555, 58.1348, 100.9261

Complementary

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



66.5152, 58.1348, 52.5152



72.9431, 88.6219, 107.0314

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.



48.4057, 58.1348, 91.8163



66.5152, 58.1348, 52.5152



44.8333, 58.1348, 58.2289

Square

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



66.5152, 58.1348, 52.5152



51.3492, 58.1348, 37.5938



45.3439, 58.1348, 75.4662



59.3548, 58.1348, 98.6578

Rectangle

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



66.5152, 58.1348, 52.5152



59.0693, 58.1348, 37.3933



45.3439, 58.1348, 75.4662



51.6093, 58.1348, 99.0404

Sweetspot

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



66.5167, 58.1375, 52.5164



84.7278, 84.8482, 88.5261



75.5731, 61.7085, 102.5355



17.8036, 17.6744, 18.2933



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.



66.5167, 58.1375, 52.5164



62.5048, 52.2589, 44.5663



74.5710, 74.4113, 54.6920



18.0194, 17.9911, 18.7196



21.5631, 11.1145, 1.0837



2.1029, 1.0835, 0.1233

Inverse Universe

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



66.5167, 58.1375, 52.5164



62.5048, 52.2589, 44.5663



62.8626, 68.2053, 104.4595



18.0194, 17.9911, 18.7196



21.5631, 11.1145, 1.0837



2.1029, 1.0835, 0.1233

Previews

White Background



This preview shows how the XYZ color 66.5152, 58.1348, 52.5152 looks on a white background.

Color Contrast Check

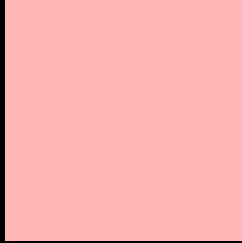
Large Text (above 18pt) WCAG AA × Fail

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 66.5152, 58.1348, 52.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

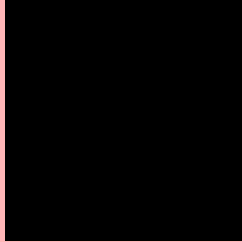
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5152, 58.1348, 52.5152

Background



This preview shows how black text looks on a background with the XYZ color 66.5152, 58.1348, 52.5152.



This preview shows how white text looks on a background with the XYZ color 66.5152, 58.1348,

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

66.5152, 58.1348, 52.5152

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

59.6272, 58.4137, 51.8484



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

66.5152, 58.1348, 52.5152

Protanomaly

58.9957, 57.6613, 56.1645

Deuteranomaly

62.1168, 58.3815, 52.2508

Tritanomaly

67.0581, 58.0255, 56.3809

Monochromacy



Original Color

66.5152, 58.1348, 52.5152

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.1352, 59.1534, 60.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5152, 58.1348, 52.5152 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, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 183)  
}
```

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, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 183) }
```

Border

The CSS property to change the border of an element to XYZ 66.5152, 58.1348, 52.5152 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, 182, 183) }
```


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

```
.border{ border-color:rgb(255, 182, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5152, 58.1348, 52.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 183) }
```

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

```
.background{ background-color: rgb(255,  
182, 183) }
```

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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