

Converting Colors

XYZ(67.3939, 58.1642, 52.3552)

Have a look what the booklet for
XYZ(67.3939, 58.1642, 52.3552)
contains.

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Color

**XYZ(66.3111, 57.7266,
52.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B7
RGB	255, 181, 183
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2902, 0.2823
CMYK	0.00, 0.29, 0.28, 0.00
HSL	358°, 100%, 85%
HSV	358°, 29%, 100%
XYZ	66.3111, 57.7266, 52.4471
YIQ	203.3540, 43.4620, 16.3100

Conversions

Conversions Part 2

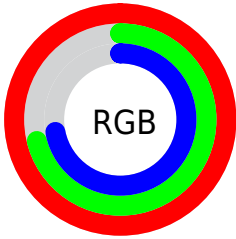
Format	Color
R_{YB}	255, 181, 183
Decimal	16758199
CIE _{Lab}	80.59, 27.14, 9.75
CIE _{LCh}	81, 28.836, 19.765
Yxy	57.7266, 0.3757, 0.3271
Android (android.graphics.Color)	4294948279 (0xFFFFB5B7)
YUV	203.3540, -10.0345, 45.2935
Hunter-Lab	75.9780, 22.8273, 12.2571

Details

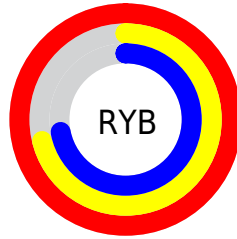
The XYZ color **66.3111, 57.7266, 52.4471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5480, 88.4367, 106.1790**, and the grayscale version is **57.0305, 60.0005, 65.3405**.

A 20% lighter version of the original color is **87.1042, 88.0604, 94.0678**, and **34.7744, 28.9204, 24.8685** is the 20% darker color. If you saturate the color by 10%, you get **59.2336, 47.3467, 38.4499**, and if you desaturate by 10%, it is **74.7957, 70.1917, 69.1606**.

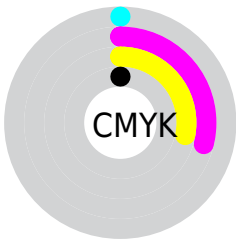
Distribution



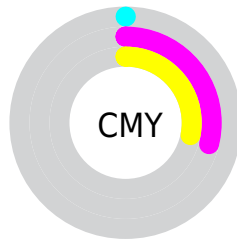
- Red (100%)
- Green (71%)
- Blue (72%)



- 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 66.3111, 57.7266, 52.4471 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 66.3111, 57.7266, 52.4471 by changing the saturation by 10% instead.


 66.3111, 57.7266,
52.4471

 66.3111, 57.7266,
52.4471


436.9598,
416.1664, 413.1662

 48.7936, 41.5889,
36.9769


 112.9880,
101.5246, 95.2236

 34.6697, 28.7795,
24.8939

142.8781,
129.9537, 123.3669

 23.5738, 18.9141,
15.7798

177.6232,
163.2487, 156.5717

 15.1408, 11.6082,
9.2158

217.5885,
201.7941, 195.2564

 9.0052, 6.4775,
4.7835

263.1395,
245.9741, 239.8397

 4.8017, 3.1375,
2.0643

314.6414,

 2.1650, 1.2040,

296.1732, 290.7401

0.5944

372.4598,
352.7759, 348.3761

■ 0.7242, 0.0649,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3111, 57.7266,
52.4471

■ 66.3111, 57.7266,
52.4471

■ 59.2336, 47.3467,
38.4499

■ 74.7957, 70.1917,
69.1606

■ 53.4832, 38.9308,
27.0224

■ 84.7530, 84.8386,
88.7197

■ 48.9783, 32.3576,
18.0094

95.0500, 100.0000,
108.9000

■ 45.6269, 27.4891,
11.2376

■ 43.3241, 24.1677,
6.5108

■ 41.9460, 22.2070,
3.5985

■ 41.3182, 21.3348,
2.2078

■ 41.2777, 21.2751,
2.1283

Harmonies

Analogous

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



66.8689, 57.7266, 68.8365



66.3111, 57.7266, 52.4471



62.5658, 57.7266, 41.0784

Triad

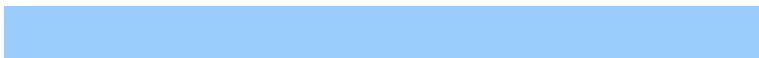
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3111, 57.7266, 52.4471



46.6161, 57.7266, 44.0352



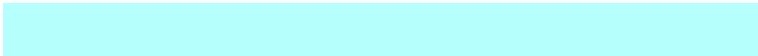
52.8664, 57.7266, 100.7721

Complementary

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



66.3111, 57.7266, 52.4471



72.5480, 88.4367, 106.1790

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.



47.8279, 57.7266, 91.2203



66.3111, 57.7266, 52.4471



44.3954, 57.7266, 57.2294

Square

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



66.3111, 57.7266, 52.4471



51.1017, 57.7266, 36.8622



44.8224, 57.7266, 74.5548



58.8137, 57.7266, 98.8612

Rectangle

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



66.3111, 57.7266, 52.4471



58.9059, 57.7266, 36.9265



44.8224, 57.7266, 74.5548



51.0179, 57.7266, 98.7372

Sweetspot

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



66.3125, 57.7293, 52.4483



84.7714, 84.8657, 88.7557



74.9135, 61.0655, 102.4462



17.8142, 17.6786, 18.3492



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.



66.3125, 57.7293, 52.4483



61.9133, 51.2746, 43.7560



74.0185, 73.4711, 53.9996



18.0292, 17.9950, 18.7711



21.5770, 11.1201, 1.1572



2.1075, 1.0854, 0.1478

Inverse Universe

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



66.3125, 57.7293, 52.4483



61.9133, 51.2746, 43.7560



62.8242, 68.4778, 104.5141



18.0292, 17.9950, 18.7711



21.5770, 11.1201, 1.1572



2.1075, 1.0854, 0.1478

Previews

White Background



This preview shows how the XYZ color 66.3111, 57.7266, 52.4471 looks on a white background.

Color Contrast Check

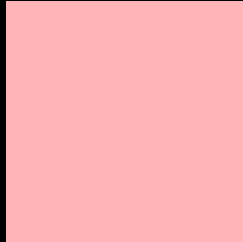
Large Text (above 18pt) WCAG AA × Fail

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 66.3111, 57.7266, 52.4471 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 66.3111, 57.7266, 52.4471

Background



This preview shows how black text looks on a background with the XYZ color 66.3111, 57.7266, 52.4471.



This preview shows how white text looks on a background with the XYZ color 66.3111, 57.7266,

52.4471.

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

66.3111, 57.7266, 52.4471

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

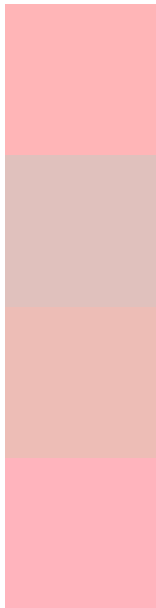
59.0890, 57.8070, 51.7596



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

66.3111, 57.7266, 52.4471

Protanomaly

58.9957, 57.6613, 56.1645

Deuteranomaly

61.5661, 57.7771, 52.1632

Tritanomaly

66.7466, 57.5766, 55.7396

Monochromacy



Original Color

66.3111, 57.7266, 52.4471

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.6031, 58.5453, 60.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3111, 57.7266, 52.4471 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, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 183) }
```

Border

The CSS property to change the border of an element to XYZ 66.3111, 57.7266, 52.4471 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, 181, 183) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3111, 57.7266, 52.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 183) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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