

Converting Colors

XYZ(111.4397, 80.7044,
54.8944)

Have a look what the booklet for
XYZ(111.4397, 80.7044, 54.8944)
contains.

XYZ(66.2130, 57.3632, 52.9298)	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(66.2130, 57.3632,
52.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B8
RGB	255, 180, 184
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2941, 0.2784
CMYK	0.00, 0.29, 0.28, 0.00
HSL	357°, 100%, 85%
HSV	357°, 29%, 100%
XYZ	66.2130, 57.3632, 52.9298
YIQ	202.8810, 43.4160, 17.1440

Conversions

Conversions Part 2

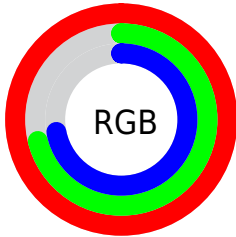
Format	Color
R_{YB}	255, 180, 184
Decimal	16757944
CIE _{Lab}	80.38, 27.79, 8.92
CIE _{LCh}	80, 29.190, 17.796
Yxy	57.3632, 0.3751, 0.3250
Android (android.graphics.Color)	4294948024 (0xFFFFB4B8)
YUV	202.8810, -9.3083, 45.7084
Hunter-Lab	75.7385, 23.5080, 11.5822

Details

The XYZ color **66.2130, 57.3632, 52.9298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9973, 88.1894, 104.4986**, and the grayscale version is **56.7288, 59.6831, 64.9949**.

A 20% lighter version of the original color is **86.9636, 87.5422, 94.7519**, and **34.7121, 28.6878, 25.1805** is the 20% darker color. If you saturate the color by 10%, you get **59.2122, 47.0719, 39.1583**, and if you desaturate by 10%, it is **74.5954, 69.7264, 69.2937**.

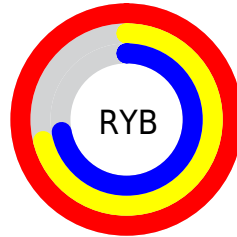
Distribution



Red (100%)

Green (71%)

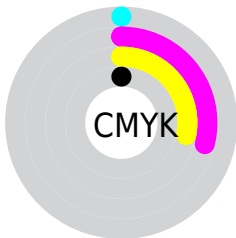
Blue (72%)



Red (100%)

Yellow (71%)

Blue (72%)

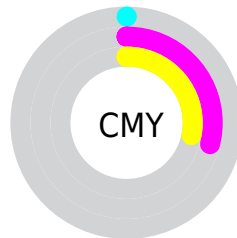


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2130, 57.3632, 52.9298 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 66.2130, 57.3632, 52.9298 by changing the saturation by 10% instead.


 66.2130, 57.3632,
52.9298

 66.2130, 57.3632,
52.9298


436.6149,
414.8089, 415.0744

 48.7137, 41.2969,
37.3594


 112.8480,
100.9950, 95.9416

 34.6060, 28.5512,
25.1879


142.7144,
129.3292, 124.2200

 23.5246, 18.7415,
15.9968

177.4339,
162.5216, 157.5715

 15.1042, 11.4837,
9.3676

217.3718,
200.9564, 196.4147

 8.9793, 6.3932,
4.8816

262.8935,
245.0182, 241.1680

 4.7847, 3.0856,
2.1205


314.3644,

 2.1550, 1.1766,


295.0913, 292.2500


0.6279

372.1497,
351.5600, 350.0793

 0.7188, 0.0424,
0.0000


 0.0000, 0.0000,
0.0000


 66.2130, 57.3632,
52.9298


 66.2130, 57.3632,
52.9298

 59.2122, 47.0719,
39.1583


 74.5954, 69.7264,
69.2937

 53.5150, 38.7318,
27.8431

 84.4236, 84.2578,
88.3698

 49.0419, 32.2220,
18.8406

95.0500, 100.0000,
108.9000

 45.7030, 27.4049,
11.9911

■ 43.3961, 24.1236,
7.1148

■ 42.0008, 22.1916,
4.0024

■ 41.3426, 21.3272,
2.3899

■ 41.3165, 21.2906,
2.3327

Harmonies

Analogous

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



66.5439, 57.3632, 69.6781



66.2130, 57.3632, 52.9298



62.6125, 57.3632, 41.1125

Triad

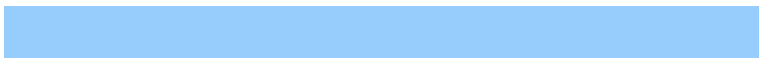
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2130, 57.3632, 52.9298



46.4442, 57.3632, 42.8547



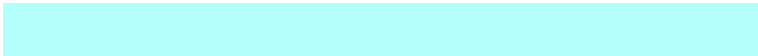
52.1285, 57.3632, 100.4679

Complementary

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



66.2130, 57.3632, 52.9298



71.9973, 88.1894, 104.4986

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.



47.1603, 57.3632, 90.1498



66.2130, 57.3632, 52.9298



44.0430, 57.3632, 55.7562

Square

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



66.2130, 57.3632, 52.9298



51.0845, 57.3632, 36.0692



44.2951, 57.3632, 73.0678



58.1104, 57.3632, 99.3312

Rectangle

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



66.2130, 57.3632, 52.9298



58.9814, 57.3632, 36.6730



44.2951, 57.3632, 73.0678



50.2932, 57.3632, 98.1562

Sweetspot

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



66.2144, 57.3658, 52.9309



84.8576, 84.9002, 89.2100



73.7970, 60.1892, 102.3359



17.8352, 17.6870, 18.4599



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.



66.2144, 57.3658, 52.9309



62.1343, 51.3630, 44.9201



73.1484, 71.8947, 53.2051



18.0486, 18.0028, 18.8731



21.6046, 11.1311, 1.3024



2.1167, 1.0891, 0.1962

Inverse Universe

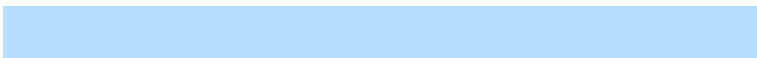
The Inverse Universe completely reimagines the original color for something new.



66.2144, 57.3658, 52.9309



62.1343, 51.3630, 44.9201



63.1289, 69.4341, 104.6826



18.0486, 18.0028, 18.8731



21.6046, 11.1311, 1.3024



2.1167, 1.0891, 0.1962

Previews

White Background



This preview shows how the XYZ color 66.2130, 57.3632, 52.9298 looks on a white background.

Color Contrast Check

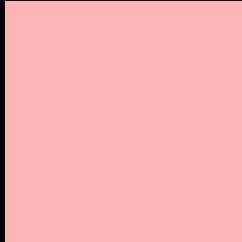
Large Text (above 18pt) WCAG AA × Fail

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 66.2130, 57.3632, 52.9298 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 66.2130, 57.3632, 52.9298

Background



This preview shows how black text looks on a background with the XYZ color 66.2130, 57.3632, 52.9298.



This preview shows how white text looks on a background with the XYZ color 66.2130, 57.3632,

52.9298.

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

66.2130, 57.3632, 52.9298

Protanopia

55.3379, 57.7210, 59.2636

Deuteranopia

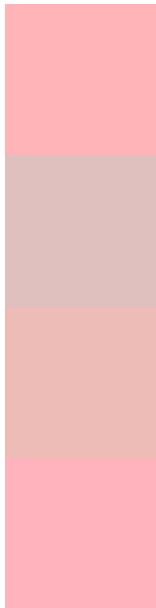
58.8775, 57.6861, 52.2873



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

66.2130, 57.3632, 52.9298

Protanomaly

58.5753, 57.1050, 56.6503

Deuteranomaly

61.4555, 57.3899, 52.6380

Tritanomaly

66.5454, 57.1743, 55.6725

Monochromacy



Original Color

66.2130, 57.3632, 52.9298

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 66.2130, 57.3632, 52.9298 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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(255, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 66.2130, 57.3632, 52.9298 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, 180, 184) }
```


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

```
.border{ border-color:rgb(255, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2130, 57.3632, 52.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 184) }
```

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

```
.background{ background-color: rgb(255,  
180, 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](#).

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