

Converting Colors

XYZ(66.3638, 57.8863, 62.4898)

Have a look what the booklet for
XYZ(66.3638, 57.8863, 62.4898)
contains.

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Color

**XYZ(66.2202, 57.7658,
62.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B6C8
RGB	249, 182, 200
RGB Percent	98%, 71%, 78%
CMY	0.0235, 0.2863, 0.2157
CMYK	0.00, 0.27, 0.20, 0.02
HSL	344°, 85%, 85%
HSV	344°, 27%, 98%
XYZ	66.2202, 57.7658, 62.3033
YIQ	204.0850, 34.1540, 19.8020

Conversions

Conversions Part 2

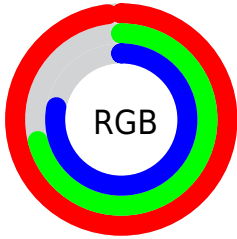
Format	Color
R _{YB}	249, 182, 200
Decimal	16365256
CIE _{Lab}	80.61, 26.84, 0.53
CIE _{LCh}	81, 26.845, 1.122
Y _{xy}	57.7658, 0.3555, 0.3101
Android (android.graphics.Color)	4294555336 (0xFFFF9B6C8)
Y _{UV}	204.0850, -2.0139, 39.3905
Hunter-Lab	76.0038, 22.5159, 4.6003

Details

The XYZ color **66.2202, 57.7658, 62.3033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5933, 83.4674, 88.1537**, and the grayscale version is **57.4468, 60.4386, 65.8176**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **34.7768, 28.9823, 30.9553** is the 20% darker color. If you saturate the color by 10%, you get **59.5638, 47.6584, 50.2016**, and if you desaturate by 10%, it is **74.0400, 69.7932, 76.0450**.

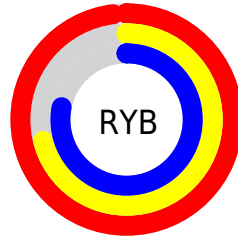
Distribution



Red (98%)

Green (71%)

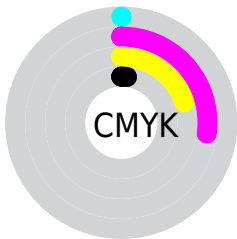
Blue (78%)



Red (98%)

Yellow (71%)

Blue (78%)

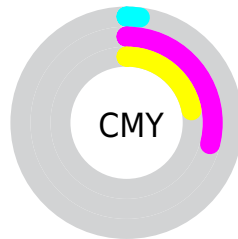


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2202, 57.7658, 62.3033 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 66.2202, 57.7658, 62.3033 by changing the saturation by 10% instead.


 66.2202, 57.7658,
62.3033

 66.2202, 57.7658,
62.3033


436.6402,
416.3127, 451.0747

 48.7195, 41.6204,
44.8404


 112.8583,
101.5817, 109.7396

 34.6107, 28.8042,
30.9897


142.7265,
130.0210, 140.5501

 23.5282, 18.9327,
20.3326


177.4478,
163.3271, 176.6470

 15.1069, 11.6217,
12.4506

217.3877,
201.8844, 218.4487

 8.9812, 6.4866,
6.9251

262.9116,
246.0771, 266.3738

 4.7860, 3.1432,
3.3376


314.3847,


 2.1557, 1.2069,

296.2898, 320.8408


1.2695


372.1725,
352.9069, 382.2682


 0.7192, 0.0674,
0.0366


 0.0000, 0.0000,
0.0000


 66.2202, 57.7658,
62.3033


 66.2202, 57.7658,
62.3033


 59.5638, 47.6584,
50.2016


 74.0400, 69.7932,
76.0450


 54.0091, 39.3634,
39.6736

 83.0714, 83.8249,
91.4823

 49.4959, 32.7748,
30.6537

 92.8187, 98.8565,
108.4904

 45.9559, 27.7722,
23.0698

 92.8771, 98.8798,
108.7983

■ 43.3126, 24.2193,
16.8437

■ 41.4768, 21.9565,
11.8886

■ 40.3375, 20.7818,
8.1053

■ 40.0767, 20.5437,
7.1448

Harmonies

Analogous

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



64.7376, 57.7658, 78.7565



66.2202, 57.7658, 62.3033



64.5058, 57.7658, 48.4517

Triad

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



66.2202, 57.7658, 62.3033



49.5971, 57.7658, 40.2901



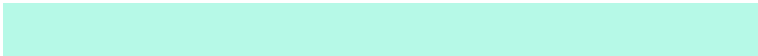
49.9345, 57.7658, 93.4614

Complementary

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



66.2202, 57.7658, 62.3033



67.5933, 83.4674, 88.1537

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.



46.3069, 57.7658, 79.9613



66.2202, 57.7658, 62.3033



46.1215, 57.7658, 49.3240

Square

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



66.2202, 57.7658, 62.3033



54.6969, 57.7658, 37.1283



44.9577, 57.7658, 63.4947



55.1129, 57.7658, 98.4647

Rectangle

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



66.2202, 57.7658, 62.3033



61.8428, 57.7658, 42.0688



44.9577, 57.7658, 63.4947



48.5059, 57.7658, 89.6662

Sweetspot

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



66.2218, 57.7685, 62.3045



86.5739, 86.7439, 94.6803



66.4674, 57.1241, 97.1459



18.2097, 18.0672, 19.7216



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.



66.2218, 57.7685, 62.3045



66.1467, 55.2553, 58.9976



67.3691, 63.2331, 52.9138



17.4361, 17.3018, 18.8861



21.5026, 11.0167, 4.0889



2.0336, 1.0372, 0.6006

Inverse Universe

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



66.2218, 57.7685, 62.3045



66.1467, 55.2553, 58.9976



65.9530, 75.9077, 100.7986



17.4361, 17.3018, 18.8861



21.5026, 11.0167, 4.0889



2.0336, 1.0372, 0.6006

Previews

White Background



This preview shows how the XYZ color 66.2202, 57.7658, 62.3033 looks on a white background.

Color Contrast Check

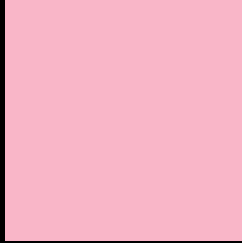
Large Text (above 18pt) WCAG AA × Fail

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 66.2202, 57.7658, 62.3033 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 66.2202, 57.7658, 62.3033

Background



This preview shows how black text looks on a background with the XYZ color 66.2202, 57.7658, 62.3033.



This preview shows how white text looks on a background with the XYZ color 66.2202, 57.7658,

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

66.2202, 57.7658, 62.3033

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

66.0785, 58.0379, 60.5431

Trichromacy



Original Color

66.2202, 57.7658, 62.3033

Protanomaly

59.1240, 57.5016, 66.3753

Deuteranomaly

61.6773, 57.9394, 61.9655

Tritanomaly

66.1935, 58.0839, 61.1486

Monochromacy



Original Color

66.2202, 57.7658, 62.3033

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.0346, 59.0073, 64.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2202, 57.7658, 62.3033 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(249, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 200)  
}
```

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(249, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.2202, 57.7658, 62.3033 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(249, 182, 200) }
```


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

```
.border{ border-color:rgb(249, 182, 200) }
```

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

Here you see how a box with a 4 pixel rgb(249, 182, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2202, 57.7658, 62.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 200) }
```

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

```
.background{ background-color: rgb(249,  
182, 200) }
```

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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