

Converting Colors

XYZ(66.2456, 52.6925, 67.5410)

Have a look what the booklet for
XYZ(66.2456, 52.6925, 67.5410)
contains.

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Color

**XYZ(66.3280, 52.8234,
67.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D2
RGB	255, 165, 210
RGB Percent	100%, 65%, 82%
CMY	0.0000, 0.3529, 0.1765
CMYK	0.00, 0.35, 0.18, 0.00
HSL	330°, 100%, 82%
HSV	330°, 35%, 100%
XYZ	66.3280, 52.8234, 67.6728
YIQ	197.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

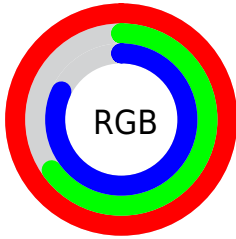
Format	Color
R _Y B	255, 165, 210
Decimal	16754130
CIE Lab	77.77, 39.31, -9.01
CIE LCh	78, 40.330, 347.097
Yxy	52.8234, 0.3550, 0.2827
Android (android.graphics.Color)	4294944210 (0xFFFFA5D2)
YUV	197.0400, 6.3893, 50.8309
Hunter-Lab	72.6797, 35.7108, -4.3297

Details

The XYZ color **66.3280, 52.8234, 67.6728** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.9119, 84.1734, 73.9075**, and the grayscale version is **53.0424, 55.8047, 60.7713**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **34.8209, 25.8590, 34.6085** is the 20% darker color. If you saturate the color by 10%, you get **60.6529, 43.9149, 58.2535**, and if you desaturate by 10%, it is **73.0491, 63.6209, 78.0665**.

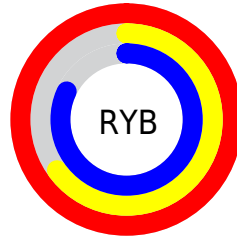
Distribution



Red (100%)

Green (65%)

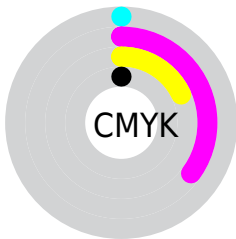
Blue (82%)



Red (100%)

Yellow (65%)

Blue (82%)

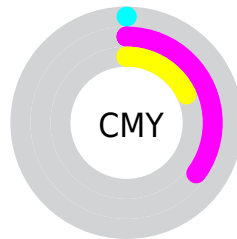


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3280, 52.8234, 67.6728 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 66.3280, 52.8234, 67.6728 by changing the saturation by 10% instead.


 66.3280, 52.8234,
67.6728


 66.3280, 52.8234,
67.6728


437.0192,
397.6072, 470.9024

 48.8074, 37.6618,
49.1666

 113.0121, 94.3445,
117.5337

 34.6806, 25.7203,
34.3851

 142.9063,
121.4727, 149.7255

 23.5823, 16.6145,
22.9098


177.6558,
153.3586, 187.3162

 15.1471, 9.9600,
14.3223

217.6258,
190.3866, 230.7243

 9.0097, 5.3725,
8.2038

263.1818,
232.9411, 280.3685

 4.8047, 2.4674,
4.1360

314.6892,

 2.1667, 0.8603,

281.4064, 336.6672

1.7003

372.5132,
336.1670, 400.0390

■ 0.7251, 0.0000,
0.3609

■ 0.0000, 0.0000,
0.0000

■ 66.3280, 52.8234,
67.6728

■ 66.3280, 52.8234,
67.6728

■ 60.6529, 43.9149,
58.2535

■ 73.0491, 63.6209,
78.0665

■ 55.9622, 36.7777,
49.7718

■ 80.8655, 76.4022,
89.4632

■ 52.1937, 31.2918,
42.1925

■ 89.8279, 91.2637,
101.8939

■ 49.2757, 27.3189,
35.4762

95.0500, 100.0000,
108.9000

■ 47.1251, 24.6979,
29.5788

■ 45.6396, 23.2303,
24.4493

■ 45.1030, 22.8052,
22.2725

Harmonies

Analogous

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



62.0404, 52.8234, 92.0755



66.3280, 52.8234, 67.6728



65.9859, 52.8234, 45.7670

Triad

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



66.3280, 52.8234, 67.6728



45.9170, 52.8234, 25.4045



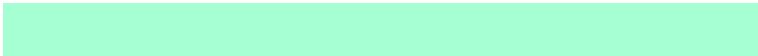
40.6549, 52.8234, 95.1571

Complementary

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



66.3280, 52.8234, 67.6728



62.9119, 84.1734, 73.9075

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.



37.1683, 52.8234, 71.1204



66.3280, 52.8234, 67.6728



39.9830, 52.8234, 32.9081

Square

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



66.3280, 52.8234, 67.6728



53.6385, 52.8234, 24.9346



36.9359, 52.8234, 48.4294



46.9251, 52.8234, 110.5006

Rectangle

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



66.3280, 52.8234, 67.6728



63.1742, 52.8234, 35.2642



36.9359, 52.8234, 48.4294



39.1481, 52.8234, 87.5799

Sweetspot

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



66.3292, 52.8257, 67.6739



84.5688, 82.5202, 94.6697



58.0855, 47.8346, 100.7793



17.8458, 17.2400, 19.9067



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.



66.3292, 52.8257, 67.6739



62.4096, 46.6466, 61.2491



61.4884, 50.8894, 42.1821



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0347



2.3571, 1.1852, 1.4620

Inverse Universe

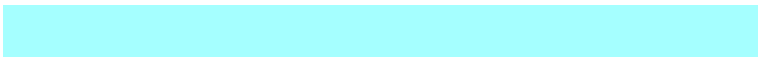
The Inverse Universe completely reimagines the original color for something new.



66.3292, 52.8257, 67.6739



62.4096, 46.6466, 61.2491



69.3283, 86.7400, 107.6962



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0347



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 66.3280, 52.8234, 67.6728 looks on a white background.

Color Contrast Check

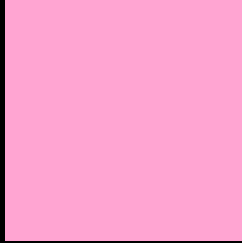
Large Text (above 18pt) WCAG AA × Fail

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 66.3280, 52.8234, 67.6728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

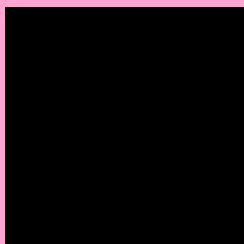
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3280, 52.8234, 67.6728

Background



This preview shows how black text looks on a background with the XYZ color 66.3280, 52.8234, 67.6728.



This preview shows how white text looks on a background with the XYZ color 66.3280, 52.8234,

67.6728.

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

66.3280, 52.8234, 67.6728

Protanopia

52.7456, 53.2468, 80.1707

Deuteranopia

54.0877, 52.9760, 65.7672



Tritanopia

63.0669, 52.8638, 51.6795

Trichromacy



Original Color

66.3280, 52.8234, 67.6728



Protanomaly

56.6431, 52.5252, 75.5596



Deuteranomaly

57.8140, 52.4332, 66.1050



Tritanomaly

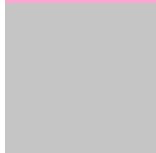
64.1363, 52.7382, 57.2512

Monochromacy



Original Color

66.3280, 52.8234, 67.6728



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.9231, 53.8676, 63.2744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3280, 52.8234, 67.6728 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, 165, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 210)  
}
```

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, 165, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.3280, 52.8234, 67.6728 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, 165, 210) }
```


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

```
.border{ border-color:rgb(255, 165, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3280, 52.8234, 67.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 210) }
```

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

```
.background{ background-color: rgb(255,  
165, 210) }
```

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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