

Converting Colors

XYZ(75.7467, 60.6317, 64.0511)

Have a look what the booklet for
XYZ(75.7467, 60.6317, 64.0511)
contains.

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Color

**XYZ(67.3495, 56.2317,
63.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFCB
RGB	255, 175, 203
RGB Percent	100%, 69%, 80%
CMY	0.0000, 0.3137, 0.2039
CMYK	0.00, 0.31, 0.20, 0.00
HSL	339°, 100%, 84%
HSV	339°, 31%, 100%
XYZ	67.3495, 56.2317, 63.8040
YIQ	202.1120, 38.6920, 25.6680

Conversions

Conversions Part 2

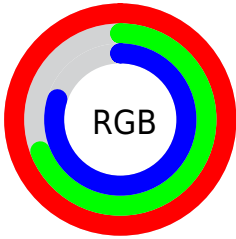
Format	Color
R _Y B	255, 175, 203
Decimal	16756683
CIE Lab	79.75, 33.06, -2.28
CIE LCh	80, 33.144, 356.048
Yxy	56.2317, 0.3594, 0.3001
Android (android.graphics.Color)	4294946763 (0xFFFFAFCB)
YUV	202.1120, 0.4378, 46.3828
Hunter-Lab	74.9878, 29.0892, 2.0441

Details

The XYZ color **67.3495, 56.2317, 63.8040** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.3064, 86.1810, 85.7638**, and the grayscale version is **56.1905, 59.1168, 64.3782**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **35.4103, 27.9593, 31.9641** is the 20% darker color. If you saturate the color by 10%, you get **60.9759, 46.4787, 52.4492**, and if you desaturate by 10%, it is **74.8740, 67.9483, 76.5859**.

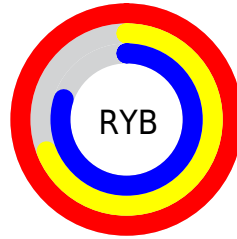
Distribution



Red (100%)

Green (69%)

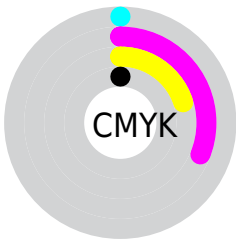
Blue (80%)



Red (100%)

Yellow (69%)

Blue (80%)

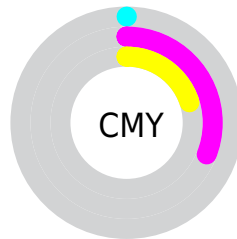


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3495, 56.2317, 63.8040 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 67.3495, 56.2317, 63.8040 by changing the saturation by 10% instead.


 67.3495, 56.2317,
63.8040

 67.3495, 56.2317,
63.8040


440.6008,
410.5641, 456.6695

 49.6404, 40.3887,
46.0468


 114.4681, 99.3433,
111.9254

 35.3444, 27.8418,
31.9338


144.6084,
127.3806, 143.1266

 24.0961, 18.2064,
21.0465


179.6231,
160.2516, 179.6462

 15.5300, 11.0983,
12.9665

219.8776,
198.3406, 221.9028

 9.2809, 6.1330,
7.2750

265.7372,
242.0319, 270.3149

 4.9834, 2.9261,
3.5536


317.5674,

 2.2722, 1.0933,


291.7100, 325.3010


1.3838


375.7335,
347.7593, 387.2797


 0.7804, 0.0000,
0.1290


 0.0000, 0.0000,
0.0000


 67.3495, 56.2317,
63.8040


 67.3495, 56.2317,
63.8040


 60.9759, 46.4787,
52.4492


 74.8740, 67.9483,
76.5859

 55.6899, 38.5734,
42.4658

 83.6006, 81.7210,
90.8409

 51.4276, 32.3993,
33.7987

 93.5819, 97.6456,
106.6174

 48.1166, 27.8234,
26.3877

95.0500, 100.0000,
108.9000

■ 45.6744, 24.6928,
20.1669

■ 44.0027, 22.8243,
15.0624

■ 43.0533, 21.9853,
11.4788

Harmonies

Analogous

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



64.8553, 56.2317, 84.2194



67.3495, 56.2317, 63.8040



65.8703, 56.2317, 46.4185

Triad

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



67.3495, 56.2317, 63.8040



47.9891, 56.2317, 33.7113



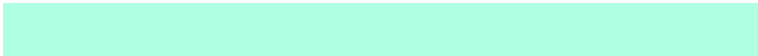
46.5725, 56.2317, 97.1950

Complementary

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



67.3495, 56.2317, 63.8040



67.3064, 86.1810, 85.7638

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.



42.6922, 56.2317, 78.8904



67.3495, 56.2317, 63.8040



43.4609, 56.2317, 42.8533

Square

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



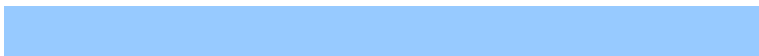
67.3495, 56.2317, 63.8040



54.3390, 56.2317, 31.3132



41.6020, 56.2317, 58.7199



52.5639, 56.2317, 105.8785

Rectangle

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



67.3495, 56.2317, 63.8040



62.8913, 56.2317, 38.3300



41.6020, 56.2317, 58.7199



44.9981, 56.2317, 91.7985

Sweetspot

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



67.3508, 56.2342, 63.8051



85.8510, 85.2975, 94.4409



65.0604, 54.2136, 101.6429



18.0782, 17.7842, 19.7391



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.



67.3508, 56.2342, 63.8051



62.9996, 49.5541, 56.1204



66.7499, 59.8982, 48.6040



18.2718, 18.0921, 20.0487



22.5598, 11.5132, 6.3325



2.2460, 1.1408, 0.8767

Inverse Universe

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



67.3508, 56.2342, 63.8051



62.9996, 49.5541, 56.1204



67.7814, 80.4364, 106.5611



18.2718, 18.0921, 20.0487



22.5598, 11.5132, 6.3325



2.2460, 1.1408, 0.8767

Previews

White Background



This preview shows how the XYZ color 67.3495, 56.2317, 63.8040 looks on a white background.

Color Contrast Check

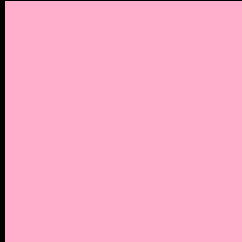
Large Text (above 18pt) WCAG AA × Fail

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 67.3495, 56.2317, 63.8040 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 67.3495, 56.2317, 63.8040

Background



This preview shows how black text looks on a background with the XYZ color 67.3495, 56.2317, 63.8040.



This preview shows how white text looks on a background with the XYZ color 67.3495, 56.2317,

63.8040.

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

67.3495, 56.2317, 63.8040

Protanopia

55.1259, 56.6261, 72.9902

Deuteranopia

57.5939, 56.4683, 62.5075



Tritanopia

65.9992, 56.2767, 56.6742

Trichromacy



Original Color

67.3495, 56.2317, 63.8040



Protanomaly

58.5707, 55.8501, 69.3211



Deuteranomaly

60.7346, 56.1579, 62.8968



Tritanomaly

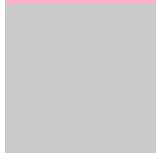
66.2487, 56.0616, 58.9590

Monochromacy



Original Color

67.3495, 56.2317, 63.8040



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.3291, 57.3357, 63.8170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3495, 56.2317, 63.8040 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, 175, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 203)  
}
```

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, 175, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 203) }
```

Border

The CSS property to change the border of an element to XYZ 67.3495, 56.2317, 63.8040 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, 175, 203) }
```


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

```
.border{ border-color:rgb(255, 175, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3495, 56.2317, 63.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 203) }
```

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

```
.background{ background-color: rgb(255,  
175, 203) }
```

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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