

Converting Colors

XYZ(66.7860, 56.9510, 57.9247)

Have a look what the booklet for
XYZ(66.7860, 56.9510, 57.9247)
contains.

XYZ(66.7860, 56.9510, 57.9247)	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(66.7860, 56.9510,
57.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2C1
RGB	255, 178, 193
RGB Percent	100%, 70%, 76%
CMY	0.0000, 0.3019, 0.2431
CMYK	0.00, 0.30, 0.24, 0.00
HSL	348°, 100%, 85%
HSV	348°, 30%, 100%
XYZ	66.7860, 56.9510, 57.9247
YIQ	202.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

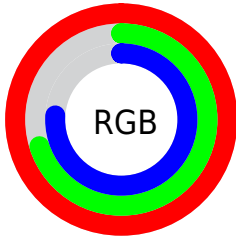
Format	Color
R _Y B	255, 178, 193
Decimal	16757441
CIE Lab	80.15, 30.07, 3.72
CIE LCh	80, 30.296, 7.060
Yxy	56.9510, 0.3676, 0.3135
Android (android.graphics.Color)	4294947521 (0xFFFFB2C1)
YUV	202.7330, -4.7984, 45.8382
Hunter-Lab	75.4659, 25.9041, 7.3174

Details

The XYZ color **66.7860, 56.9510, 57.9247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8505, 87.2773, 95.6067**, and the grayscale version is **56.6096, 59.5577, 64.8584**.

A 20% lighter version of the original color is **87.7617, 86.9452, 101.7791**, and **35.0932, 28.4310, 28.4491** is the 20% darker color. If you saturate the color by 10%, you get **60.0420, 46.8777, 45.1493**, and if you desaturate by 10%, it is **74.7940, 69.0427, 72.6919**.

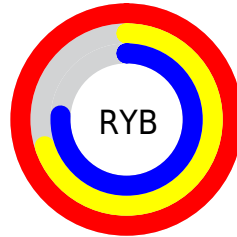
Distribution



Red (100%)

Green (70%)

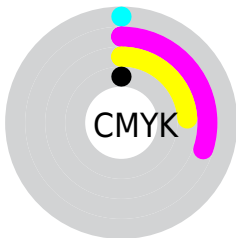
Blue (76%)



Red (100%)

Yellow (70%)

Blue (76%)

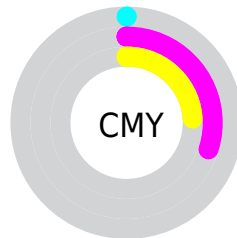


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7860, 56.9510, 57.9247 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 66.7860, 56.9510, 57.9247 by changing the saturation by 10% instead.

 66.7860, 56.9510,
57.9247

 66.7860, 56.9510,
57.9247


438.6271,
413.2657, 434.4957

 49.1808, 40.9659,
41.3338


 113.6652,
100.3937, 103.3269

 34.9780, 28.2924,
28.2583


143.6699,
128.6201, 132.9753

 23.8124, 18.5462,
18.2798


178.5385,
161.6957, 167.8132

 15.3185, 11.3429,
10.9795

218.6363,
200.0049, 208.2593

 9.1310, 6.2979,
5.9391

264.3288,
243.9321, 254.7321

 4.8845, 3.0271,
2.7399

315.9811,

 2.2137, 1.1459,

293.8617, 307.6500

0.9634

373.9588,
350.1781, 367.4317

■ 0.7500, 0.0168,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7860, 56.9510,
57.9247

■ 66.7860, 56.9510,
57.9247

■ 60.0420, 46.8777,
45.1493

■ 74.7940, 69.0427,
72.6919

■ 54.4922, 38.7052,
34.2761

■ 84.1222, 83.2466,
89.5281

■ 50.0669, 32.3155,
25.2138

94.8287, 99.6598,
108.5108

■ 46.6868, 27.5745,
17.8621

95.0500, 100.0000,
108.9000

■ 44.2620, 24.3286,
12.1103

■ 42.6869, 22.3952,
7.8340

■ 41.8085, 21.4874,
4.9235

Harmonies

Analogous

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



65.8143, 56.9510, 76.2268



66.7860, 56.9510, 57.9247



64.1663, 56.9510, 43.6956

Triad

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



66.7860, 56.9510, 57.9247



47.2870, 56.9510, 38.6448



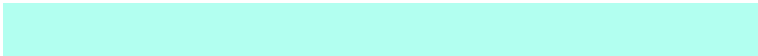
49.6340, 56.9510, 98.8820

Complementary

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



66.7860, 56.9510, 57.9247



69.8505, 87.2773, 95.6067

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.



45.1993, 56.9510, 84.8370



66.7860, 56.9510, 57.9247



43.9179, 56.9510, 49.6807

Square

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



66.7860, 56.9510, 57.9247



52.6843, 56.9510, 34.0204



43.1837, 56.9510, 66.2829



55.6023, 56.9510, 102.2372

Rectangle

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



66.7860, 56.9510, 57.9247



60.8449, 56.9510, 37.6310



43.1837, 56.9510, 66.2829



47.9287, 56.9510, 95.1404

Sweetspot

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



66.7874, 56.9536, 57.9258



85.3266, 85.0878, 91.6797



69.7716, 57.5188, 102.0326



17.9497, 17.7328, 19.0627



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.



66.7874, 56.9536, 57.9258



62.7213, 50.8649, 50.2705



70.1875, 66.2966, 51.2200



18.1539, 18.0449, 19.4278



21.8866, 11.2439, 2.7874



2.1671, 1.1092, 0.4612

Inverse Universe

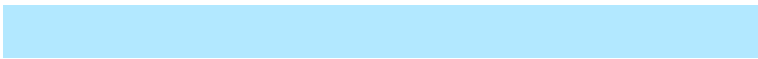
The Inverse Universe completely reimagines the original color for something new.



66.7874, 56.9536, 57.9258



62.7213, 50.8649, 50.2705



65.2405, 74.3437, 105.5190



18.1539, 18.0449, 19.4278



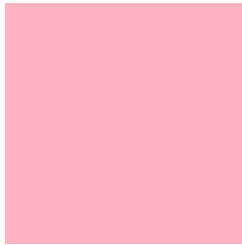
21.8866, 11.2439, 2.7874



2.1671, 1.1092, 0.4612

Previews

White Background



This preview shows how the XYZ color 66.7860, 56.9510, 57.9247 looks on a white background.

Color Contrast Check

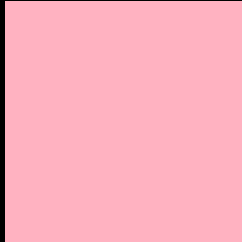
Large Text (above 18pt) WCAG AA × Fail

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 66.7860, 56.9510, 57.9247 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 66.7860, 56.9510, 57.9247

Background



This preview shows how black text looks on a background with the XYZ color 66.7860, 56.9510, 57.9247.



This preview shows how white text looks on a background with the XYZ color 66.7860, 56.9510,

57.9247.

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

66.7860, 56.9510, 57.9247

Protanopia

55.1806, 57.1653, 65.2524

Deuteranopia

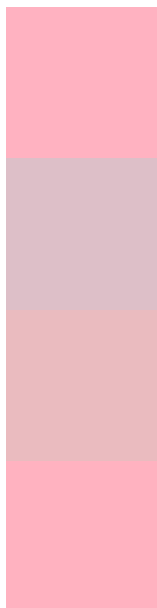
58.2681, 56.9466, 56.6359



Tritanopia

66.6748, 56.9066, 57.3391

Trichromacy



Original Color

66.7860, 56.9510, 57.9247

Protanomaly

58.8749, 56.8039, 62.5048

Deuteranomaly

61.1060, 56.7947, 57.0320

Tritanomaly

66.6748, 56.9066, 57.3391

Monochromacy



Original Color

66.7860, 56.9510, 57.9247

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.7248, 58.2367, 62.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7860, 56.9510, 57.9247 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, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 193)  
}
```

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, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 193) }
```

Border

The CSS property to change the border of an element to XYZ 66.7860, 56.9510, 57.9247 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, 178, 193) }
```


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

```
.border{ border-color:rgb(255, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7860, 56.9510, 57.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 193) }
```

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

```
.background{ background-color: rgb(255,  
178, 193) }
```

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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