

Converting Colors

XYZ(66.7030, 57.0773, 56.9960)

Have a look what the booklet for
XYZ(66.7030, 57.0773, 56.9960)
contains.

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Color

**XYZ(66.7641, 57.2618,
56.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3BF
RGB	255, 179, 191
RGB Percent	100%, 70%, 75%
CMY	0.0000, 0.2980, 0.2510
CMYK	0.00, 0.30, 0.25, 0.00
HSL	351°, 100%, 85%
HSV	351°, 30%, 100%
XYZ	66.7641, 57.2618, 56.8240
YIQ	203.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

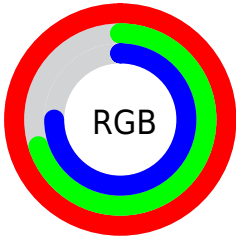
Format	Color
R _Y B	255, 179, 191
Decimal	16757695
CIE Lab	80.33, 29.26, 5.06
CIE LCh	80, 29.699, 9.805
Yxy	57.2618, 0.3692, 0.3166
Android (android.graphics.Color)	4294947775 (0xFFFFB3BF)
YUV	203.0920, -5.9614, 45.5233
Hunter-Lab	75.6715, 25.0633, 8.4474

Details

The XYZ color **66.7641, 57.2618, 56.8240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5303, 87.5758, 97.9846**, and the grayscale version is **56.8418, 59.8020, 65.1244**.

A 20% lighter version of the original color is **87.7368, 87.3921, 100.2398**, and **35.0743, 28.6270, 27.7217** is the 20% darker color. If you saturate the color by 10%, you get **59.9252, 47.0930, 43.7271**, and if you desaturate by 10%, it is **74.8973, 69.4644, 72.0633**.

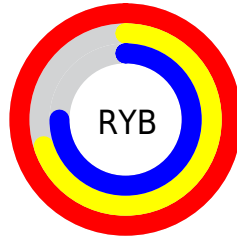
Distribution



Red (100%)

Green (70%)

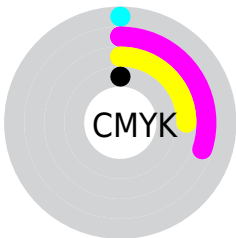
Blue (75%)



Red (100%)

Yellow (70%)

Blue (75%)

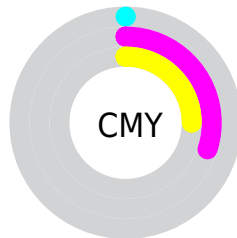


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7641, 57.2618, 56.8240 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 66.7641, 57.2618, 56.8240 by changing the saturation by 10% instead.

 66.7641, 57.2618,
56.8240

 66.7641, 57.2618,
56.8240


438.5503,
414.4296, 430.2647

 49.1629, 41.2155,
40.4555


 113.6340,
100.8471, 101.7061

 34.9638, 28.4875,
27.5774


143.6334,
129.1548, 131.0569

 23.8014, 18.6935,
17.7711


178.4963,
162.3185, 165.5721

 15.3103, 11.4490,
10.6180

218.5881,
200.7225, 205.6704

 9.1252, 6.3697,
5.6997

264.2740,
244.7512, 251.7702

 4.8807, 3.0711,
2.5975

315.9194,

 2.2115, 1.1690,

294.7890, 304.2902

0.8912

373.8897,
351.2204, 363.6489

0.7488, 0.0362,
0.0000

0.0000, 0.0000,
0.0000

66.7641, 57.2618,
56.8240

66.7641, 57.2618,
56.8240

59.9252, 47.0930,
43.7271

74.8973, 69.4644,
72.0633

54.3093, 38.8397,
32.6726

84.3829, 83.7949,
89.5319

49.8445, 32.3839,
23.5577

95.0500, 100.0000,
108.9000

46.4493, 27.5906,
16.2692

■ 44.0317, 24.3064,
10.6818

■ 42.4832, 22.3485,
6.6537

■ 41.6401, 21.4288,
4.0098

■ 41.6273, 21.4149,
3.9693

Harmonies

Analogous

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



66.1388, 57.2618, 74.6223



66.7641, 57.2618, 56.8240



63.8997, 57.2618, 43.2937

Triad

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



66.7641, 57.2618, 56.8240



47.2862, 57.2618, 40.0214



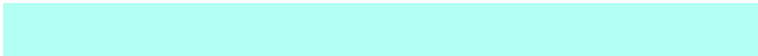
50.4927, 57.2618, 99.3026

Complementary

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



66.7641, 57.2618, 56.8240



70.5303, 87.5758, 97.9846

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.



45.9376, 57.2618, 86.3055



66.7641, 57.2618, 56.8240



44.1841, 57.2618, 51.5000

Square

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



66.7641, 57.2618, 56.8240



52.4608, 57.2618, 34.8560



43.7094, 57.2618, 68.2197



56.4389, 57.2618, 101.4559

Rectangle

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



66.7641, 57.2618, 56.8240



60.5133, 57.2618, 37.6770



43.7094, 57.2618, 68.2197



48.7606, 57.2618, 95.9560

Sweetspot

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



66.7655, 57.2644, 56.8251



85.2035, 85.0385, 91.0310



70.9042, 58.3992, 102.1429



17.9196, 17.7208, 18.9042



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.



66.7655, 57.2644, 56.8251



62.3775, 50.7274, 48.4601



71.0505, 67.8613, 52.0050



18.1263, 18.0338, 19.2820



21.7855, 11.2035, 2.2551



2.1533, 1.1037, 0.3885

Inverse Universe

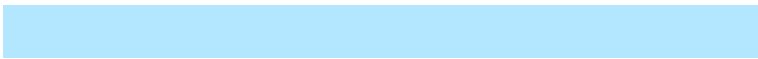
The Inverse Universe completely reimagines the original color for something new.



66.7655, 57.2644, 56.8251



62.3775, 50.7274, 48.4601



64.8466, 73.2139, 105.3217



18.1263, 18.0338, 19.2820



21.7855, 11.2035, 2.2551



2.1533, 1.1037, 0.3885

Previews

White Background



This preview shows how the XYZ color 66.7641, 57.2618, 56.8240 looks on a white background.

Color Contrast Check

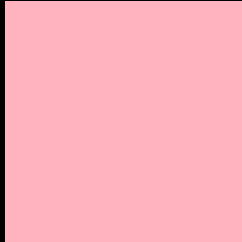
Large Text (above 18pt) WCAG AA × Fail

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 66.7641, 57.2618, 56.8240 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 66.7641, 57.2618, 56.8240

Background



This preview shows how black text looks on a background with the XYZ color 66.7641, 57.2618, 56.8240.



This preview shows how white text looks on a background with the XYZ color 66.7641, 57.2618,

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

66.7641, 57.2618, 56.8240

Protanopia

55.4412, 57.6677, 64.0860

Deuteranopia

58.5785, 57.4587, 55.5802



Tritanopia

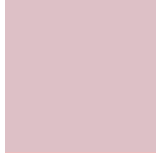
66.8745, 57.3060, 57.4057

Trichromacy



Original Color

66.7641, 57.2618, 56.8240



Protanomaly

58.8615, 57.1486, 61.3545



Deuteranomaly

61.4295, 57.3027, 55.9670



Tritanomaly

66.8745, 57.3060, 57.4057

Monochromacy



Original Color

66.7641, 57.2618, 56.8240



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 66.7641, 57.2618, 56.8240 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, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 191)  
}
```

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, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 191) }
```

Border

The CSS property to change the border of an element to XYZ 66.7641, 57.2618, 56.8240 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, 179, 191) }
```


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

```
.border{ border-color:rgb(255, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7641, 57.2618, 56.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 191) }
```

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

```
.background{ background-color: rgb(255,  
179, 191) }
```

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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