

Converting Colors

XYZ(64.8133, 56.6677, 59.3930)

Have a look what the booklet for
XYZ(64.8133, 56.6677, 59.3930)
contains.

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Color

**XYZ(64.7320, 56.7620,
59.1742)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B5C3
RGB	247, 181, 195
RGB Percent	97%, 71%, 76%
CMY	0.0314, 0.2902, 0.2353
CMYK	0.00, 0.27, 0.21, 0.03
HSL	347°, 80%, 84%
HSV	347°, 27%, 97%
XYZ	64.7320, 56.7620, 59.1742
YIQ	202.3300, 34.8420, 18.3460

Conversions

Conversions Part 2

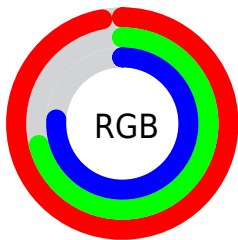
Format	Color
R _Y B	247, 181, 195
Decimal	16233923
CIE Lab	80.05, 25.92, 2.38
CIE LCh	80, 26.030, 5.253
Yxy	56.7620, 0.3583, 0.3142
Android (android.graphics.Color)	4294424003 (0xFF7B5C3)
YUV	202.3300, -3.6137, 39.1756
Hunter-Lab	75.3406, 21.5198, 6.1707

Details

The XYZ color **64.7320, 56.7620, 59.1742** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0272, 82.2299, 89.4341**, and the grayscale version is **56.3530, 59.2878, 64.5644**.

A 20% lighter version of the original color is **88.9368, 88.7934, 103.7182**, and **33.7621, 28.3086, 28.8839** is the 20% darker color. If you saturate the color by 10%, you get **58.0888, 46.7704, 46.8017**, and if you desaturate by 10%, it is **72.5555, 68.6542, 73.3565**.

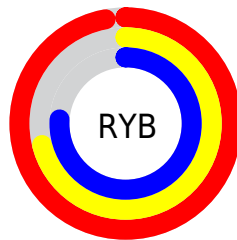
Distribution



Red (97%)

Green (71%)

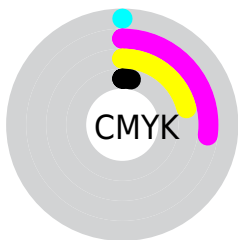
Blue (76%)



Red (97%)

Yellow (71%)

Blue (76%)

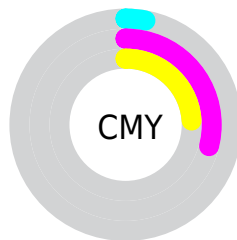


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (29%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7320, 56.7620, 59.1742 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 64.7320, 56.7620, 59.1742 by changing the saturation by 10% instead.


 64.7320, 56.7620,
59.1742

 64.7320, 56.7620,
59.1742


431.3887,
412.5569, 439.2670

 47.5077, 40.8142,
42.3324


 110.7323,
100.1178, 105.1624

 33.6468, 28.1739,
29.0342


140.2391,
128.2946, 135.1459

 22.7840, 18.4568,
18.8609


174.5706,
161.3166, 170.3471

 14.5539, 11.2784,
11.3940

214.0924,
199.5680, 211.1845

 8.5912, 6.2544,
6.2150

259.1698,
243.4334, 258.0767

 4.5305, 3.0004,
2.9054

310.1680,

 2.0064, 1.1319,

293.2971, 311.4421

1.0465

367.4526,
349.5434, 371.6994

■ 0.6376, 0.0050,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7320, 56.7620,
59.1742

■ 64.7320, 56.7620,
59.1742

■ 58.0888, 46.7704,
46.8017

■ 72.5555, 68.6542,
73.3565

■ 52.5632, 38.5730,
36.1618

■ 81.6085, 82.5304,
89.4143

■ 48.0937, 32.0651,
27.1769

■ 91.9094, 98.4108,
107.4033

■ 44.6108, 27.1279,
19.7619

■ 92.1680, 98.5143,
108.7651

■ 42.0363, 23.6268,
13.8239

■ 40.2799, 21.4046,
9.2594

■ 39.2294, 20.2636,
5.9498

■ 38.9865, 20.0257,
5.1045

Harmonies

Analogous

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



63.7302, 56.7620, 74.8249



64.7320, 56.7620, 59.1742



62.6948, 56.7620, 46.4624

Triad

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



64.7320, 56.7620, 59.1742



48.2875, 56.7620, 40.9286



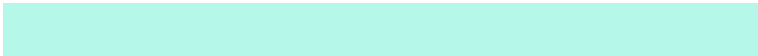
49.8017, 56.7620, 92.2303

Complementary

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



64.7320, 56.7620, 59.1742



67.0272, 82.2299, 89.4341

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.



46.0597, 56.7620, 80.1983



64.7320, 56.7620, 59.1742



45.2264, 56.7620, 50.3890

Square

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



64.7320, 56.7620, 59.1742



53.0243, 56.7620, 37.0878



44.4381, 56.7620, 64.5109



54.8876, 56.7620, 95.6061

Rectangle

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



64.7320, 56.7620, 59.1742



59.9610, 56.7620, 40.8166



44.4381, 56.7620, 64.5109



48.3558, 56.7620, 88.9776

Sweetspot

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



64.7336, 56.7646, 59.1754



86.4030, 86.6755, 93.7803



66.8207, 57.0391, 95.4841



18.1670, 18.0501, 19.4964



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.



64.7336, 56.7646, 59.1754



65.6319, 55.0494, 56.2864



67.2850, 64.2825, 52.5807



16.6429, 16.5400, 17.8661



20.6603, 10.6076, 2.9197



1.8520, 0.9468, 0.4472

Inverse Universe

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



64.7336, 56.7646, 59.1754



65.6319, 55.0494, 56.2864



63.6727, 72.1931, 98.5750



16.6429, 16.5400, 17.8661



20.6603, 10.6076, 2.9197



1.8520, 0.9468, 0.4472

Previews

White Background



This preview shows how the XYZ color 64.7320, 56.7620, 59.1742 looks on a white background.

Color Contrast Check

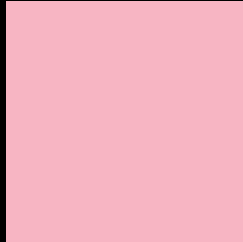
Large Text (above 18pt) WCAG AA × Fail

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 64.7320, 56.7620, 59.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

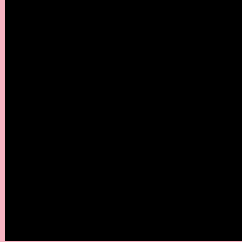
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7320, 56.7620, 59.1742

Background



This preview shows how black text looks on a background with the XYZ color 64.7320, 56.7620, 59.1742.



This preview shows how white text looks on a background with the XYZ color 64.7320, 56.7620,

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

64.7320, 56.7620, 59.1742

Protanopia

55.3009, 57.2135, 65.8862

Deuteranopia

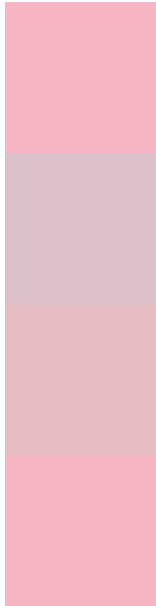
57.9905, 56.7652, 58.3524



Tritanopia

64.7320, 56.7620, 59.1742

Trichromacy



Original Color

64.7320, 56.7620, 59.1742

Protanomaly

58.3057, 56.8217, 63.1530

Deuteranomaly

60.3540, 56.6845, 58.7991

Tritanomaly

64.7320, 56.7620, 59.1742

Monochromacy



Original Color

64.7320, 56.7620, 59.1742

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.5140, 57.6125, 62.0691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7320, 56.7620, 59.1742 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(247, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 195)  
}
```

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(247, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.7320, 56.7620, 59.1742 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(247, 181, 195) }
```


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

```
.border{ border-color:rgb(247, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7320, 56.7620, 59.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 195) }
```

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

```
.background{ background-color: rgb(247,  
181, 195) }
```

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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