

Converting Colors

XYZ(64.7196, 56.7175, 62.9822)

Have a look what the booklet for
XYZ(64.7196, 56.7175, 62.9822)
contains.

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Color

**XYZ(64.7227, 56.6773,
62.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B5C9
RGB	245, 181, 201
RGB Percent	96%, 71%, 79%
CMY	0.0392, 0.2902, 0.2118
CMYK	0.00, 0.26, 0.18, 0.04
HSL	341°, 76%, 84%
HSV	341°, 26%, 96%
XYZ	64.7227, 56.6773, 62.7869
YIQ	202.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

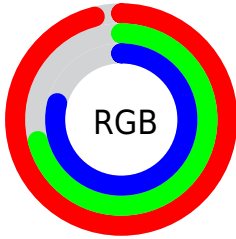
Format	Color
R _Y B	245, 181, 201
Decimal	16102857
CIE Lab	80.00, 26.11, -0.96
CIE LCh	80, 26.123, 357.904
Yxy	56.6773, 0.3514, 0.3077
Android (android.graphics.Color)	4294292937 (0xFFFF5B5C9)
YUV	202.4160, -0.6981, 37.3462
Hunter-Lab	75.2843, 21.7107, 3.2514

Details

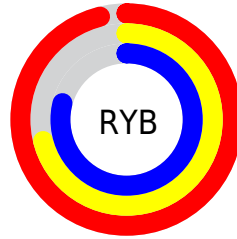
The XYZ color **64.7227, 56.6773, 62.7869** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3015, 80.5663, 83.3472**, and the grayscale version is **56.3906, 59.3273, 64.6074**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **33.7247, 28.2363, 31.2764** is the 20% darker color. If you saturate the color by 10%, you get **58.2981, 46.8269, 51.3992**, and if you desaturate by 10%, it is **72.2438, 68.3717, 75.6136**.

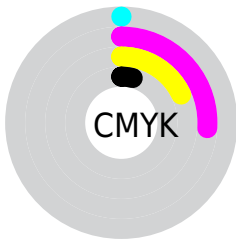
Distribution



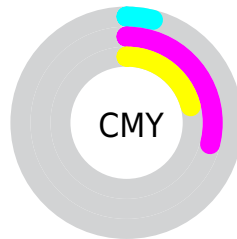
- Red (96%)
- Green (71%)
- Blue (79%)



- Red (96%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7227, 56.6773, 62.7869 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 64.7227, 56.6773, 62.7869 by changing the saturation by 10% instead.


 64.7227, 56.6773,
62.7869

 64.7227, 56.6773,
62.7869


431.3558,
412.2390, 452.8823

 47.5001, 40.7462,
45.2289


 110.7190, 99.9942,
110.4446

 33.6408, 28.1208,
31.2935


140.2235,
128.1487, 141.3815

 22.7794, 18.4168,
20.5621


174.5526,
161.1466, 177.6150

 14.5505, 11.2496,
12.6162

214.0718,
199.3722, 219.5638

 8.5888, 6.2350,
7.0372

259.1463,
243.2098, 267.6464

 4.5289, 2.9885,
3.4066

310.1416,

 2.0055, 1.1257,

293.0439, 322.2813

1.3058

367.4230,
349.2588, 383.8871

■ 0.6370, 0.0000,
0.0665

■ 0.0000, 0.0000,
0.0000

■ 64.7227, 56.6773,
62.7869

■ 64.7227, 56.6773,
62.7869

■ 58.2981, 46.8269,
51.3992

■ 72.2438, 68.3717,
75.6136

■ 52.9124, 38.7183,
41.3948

■ 80.9058, 81.9900,
89.9250

■ 48.5097, 32.2508,
32.7197

■ 90.7564, 97.6169,
105.7692

■ 45.0268, 27.3107,
25.3143

■ 91.4664, 98.1526,
108.7323

■ 42.3929, 23.7691,
19.1143

■ 40.5256, 21.4758,
14.0484

■ 39.3243, 20.2448,
10.0361

■ 38.9802, 19.9421,
8.7330

Harmonies

Analogous

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



62.9838, 56.6773, 78.5760



64.7227, 56.6773, 62.7869



63.3989, 56.6773, 49.0226

Triad

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



64.7227, 56.6773, 62.7869



49.2350, 56.6773, 39.3237



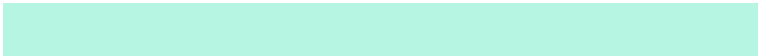
48.6288, 56.6773, 89.9229

Complementary

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



64.7227, 56.6773, 62.7869



65.3015, 80.5663, 83.3472

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.



45.3473, 56.6773, 76.4213



64.7227, 56.6773, 62.7869



45.6808, 56.6773, 47.4519

Square

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



64.7227, 56.6773, 62.7869



54.2441, 56.6773, 36.8752



44.3039, 56.6773, 60.6493



53.4977, 56.6773, 95.7598

Rectangle

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



64.7227, 56.6773, 62.7869



61.0033, 56.6773, 42.4704



44.3039, 56.6773, 60.6493



47.3158, 56.6773, 86.0319

Sweetspot

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



64.7243, 56.6799, 62.7881



86.7072, 86.7972, 95.3823



63.9756, 55.6079, 93.7483



18.2431, 18.0806, 19.8974



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.



64.7243, 56.6799, 62.7881



67.2569, 56.4916, 62.4014



65.0097, 60.7734, 52.0233



16.7124, 16.5678, 18.2320



21.0540, 10.7650, 4.9929



1.8948, 0.9639, 0.6725

Inverse Universe

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



64.7243, 56.6799, 62.7881



67.2569, 56.4916, 62.4014



64.7540, 74.8470, 97.4208



16.7124, 16.5678, 18.2320



21.0540, 10.7650, 4.9929



1.8948, 0.9639, 0.6725

Previews

White Background



This preview shows how the XYZ color 64.7227, 56.6773, 62.7869 looks on a white background.

Color Contrast Check

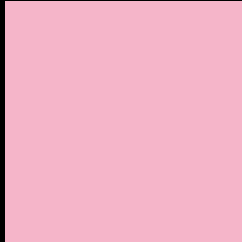
Large Text (above 18pt) WCAG AA × Fail

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 64.7227, 56.6773, 62.7869 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 64.7227, 56.6773, 62.7869

Background



This preview shows how black text looks on a background with the XYZ color 64.7227, 56.6773, 62.7869.



This preview shows how white text looks on a background with the XYZ color 64.7227, 56.6773,

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

64.7227, 56.6773, 62.7869

Protanopia

55.5051, 57.2334, 69.7497

Deuteranopia

58.0719, 56.7282, 61.9218



Tritanopia

64.0000, 56.6745, 59.7907

Trichromacy



Original Color

64.7227, 56.6773, 62.7869

Protanomaly

58.4310, 56.8032, 66.9160

Deuteranomaly

60.4035, 56.6306, 62.3908

Tritanomaly

64.2292, 56.7662, 60.9978

Monochromacy



Original Color

64.7227, 56.6773, 62.7869

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.8659, 57.7533, 63.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7227, 56.6773, 62.7869 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(245, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 181, 201)  
}
```

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(245, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.7227, 56.6773, 62.7869 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(245, 181, 201) }
```


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

```
.border{ border-color:rgb(245, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7227, 56.6773, 62.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 181, 201) }
```

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

```
.background{ background-color: rgb(245,  
181, 201) }
```

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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