

Converting Colors

XYZ(70.3987, 67.1864, 56.4237)

Have a look what the booklet for
XYZ(70.3987, 67.1864, 56.4237)
contains.

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Color

**XYZ(70.3462, 67.2828,
56.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCCB
RGB	251, 204, 187
RGB Percent	98%, 80%, 73%
CMY	0.0157, 0.2000, 0.2667
CMYK	0.00, 0.19, 0.25, 0.02
HSL	16°, 89%, 86%
HSV	16°, 25%, 98%
XYZ	70.3462, 67.2828, 56.2929
YIQ	216.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

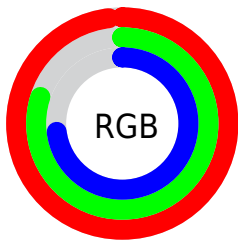
Format	Color
R _Y B	251, 210, 187
Decimal	16501947
CIE Lab	85.65, 14.14, 14.73
CIE LCh	86, 20.424, 46.167
Yxy	67.2828, 0.3628, 0.3470
Android (android.graphics.Color)	4294692027 (0xFFFBCCBB)
YUV	216.1150, -14.3537, 30.5941
Hunter-Lab	82.0261, 9.5373, 16.7287

Details

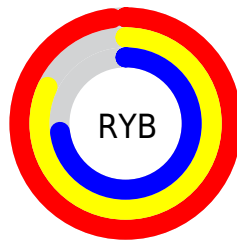
The XYZ color **70.3462, 67.2828, 56.2929** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.3282, 76.3734, 102.4602**, and the grayscale version is **65.4289, 68.8363, 74.9627**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **37.4576, 35.0033, 27.3363** is the 20% darker color. If you saturate the color by 10%, you get **63.7662, 58.0535, 41.9811**, and if you desaturate by 10%, it is **77.9179, 77.7430, 73.2537**.

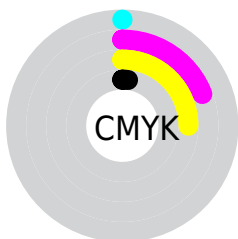
Distribution



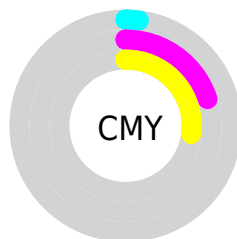
- Red (98%)
- Green (80%)
- Blue (73%)



- Red (98%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3462, 67.2828, 56.2929 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 70.3462, 67.2828, 56.2929 by changing the saturation by 10% instead.

 70.3462, 67.2828,
56.2929

 70.3462, 67.2828,
56.2929


451.0121,
450.9507, 428.2137

 52.0894, 49.3145,
40.0322

 118.7259,
115.3255, 100.9228

 37.3009, 34.8690,
27.2497

149.5796,
146.1688, 130.1290

 25.6153, 23.5620,
17.5268


185.3629,
182.0724, 164.4876

 16.6672, 15.0090,
10.4448

226.4413,
223.4209, 204.4170

 10.0914, 8.8257,
5.5854

273.1800,
270.5985, 250.3358

 5.5223, 4.6277,
2.5300

325.9445,

 2.5947, 2.0305,

323.9898, 302.6624

0.8560

385.1001,
383.9791, 361.8156

■ 0.9433, 0.6251,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3462, 67.2828,
56.2929

■ 70.3462, 67.2828,
56.2929

■ 63.7662, 58.0535,
41.9811

■ 77.9179, 77.7430,
73.2537

■ 58.1301, 50.0001,
30.1795

■ 86.5157, 89.4680,
92.9845

■ 53.3940, 43.0768,
20.7427

■ 93.5939, 99.2493,
108.8319

■ 49.5082, 37.2314,
13.5087

■ 46.4175, 32.4073,
8.2947

■ 44.0598, 28.5419,
4.8883

■ 42.3614, 25.5649,
3.0277

■ 41.7727, 24.4870,
2.5248

Harmonies

Analogous

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



72.9303, 67.2828, 66.3567



70.3462, 67.2828, 56.2929



66.1125, 67.2828, 51.0974

Triad

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



70.3462, 67.2828, 56.2929



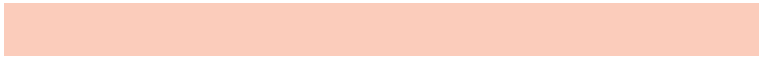
55.6534, 67.2828, 67.3047



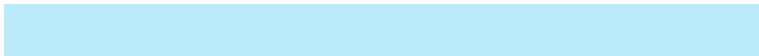
66.4729, 67.2828, 100.7161

Complementary

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



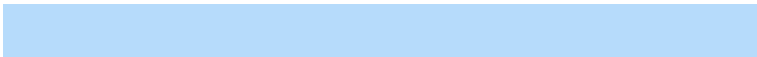
70.3462, 67.2828, 56.2929



67.3282, 76.3734, 102.4602

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.



61.8357, 67.2828, 101.0503



70.3462, 67.2828, 56.2929



55.7394, 67.2828, 80.6252

Square

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



70.3462, 67.2828, 56.2929



57.7134, 67.2828, 56.9141



57.9543, 67.2828, 93.3327



70.6211, 67.2828, 92.4683

Rectangle

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



70.3462, 67.2828, 56.2929



62.9943, 67.2828, 50.6312



57.9543, 67.2828, 93.3327



64.9159, 67.2828, 101.7889

Sweetspot

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



70.3480, 67.2859, 56.2943



87.3437, 89.5672, 90.9793



72.5500, 62.0488, 86.7507



18.4019, 18.7719, 18.7978



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

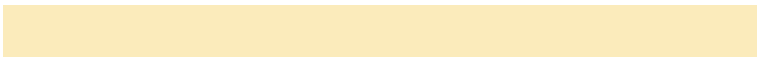
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3480, 67.2859, 56.2943



69.0273, 64.3041, 49.8222



78.4622, 83.5144, 58.9990



17.6197, 17.9752, 18.0033



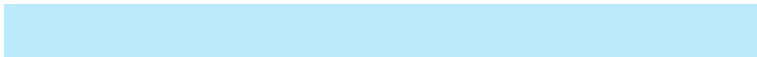
22.0584, 13.0735, 1.3608



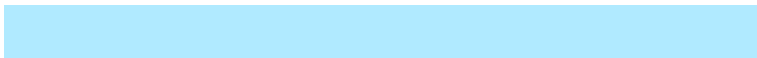
2.1260, 1.3768, 0.1537

Inverse Universe

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



67.3282, 76.3734, 102.4602



65.3650, 75.2878, 105.6946



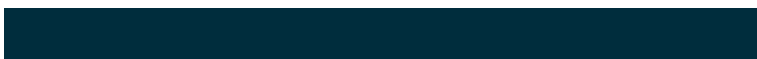
59.2628, 60.2425, 99.7718



17.3528, 18.7824, 22.0961



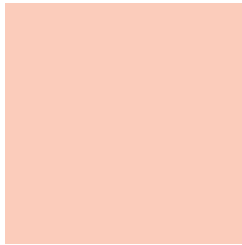
18.3221, 21.9998, 51.2543



1.7838, 2.2112, 4.7760

Previews

White Background



This preview shows how the XYZ color 70.3462, 67.2828, 56.2929 looks on a white background.

Color Contrast Check

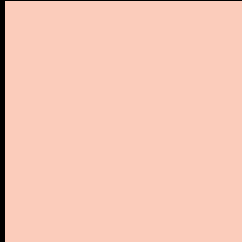
Large Text (above 18pt) WCAG AA × Fail

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 70.3462, 67.2828, 56.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

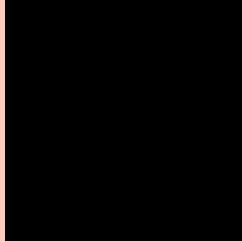
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3462, 67.2828, 56.2929

Background



This preview shows how black text looks on a background with the XYZ color 70.3462, 67.2828, 56.2929.



This preview shows how white text looks on a background with the XYZ color 70.3462, 67.2828, 56.2929.

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

70.3462, 67.2828, 56.2929

Protanopia

63.9924, 67.5869, 59.5420

Deuteranopia

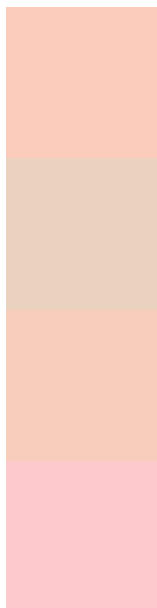
68.6971, 67.1429, 56.3529



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

70.3462, 67.2828, 56.2929

Protanomaly

65.9451, 67.1345, 58.1978

Deuteranomaly

69.1587, 67.0247, 56.3057

Tritanomaly

72.4141, 67.0637, 66.8856

Monochromacy



Original Color

70.3462, 67.2828, 56.2929

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.8760, 68.1528, 67.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3462, 67.2828, 56.2929 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(251, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 187)  
}
```

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(251, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 187) }
```

Border

The CSS property to change the border of an element to XYZ 70.3462, 67.2828, 56.2929 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(251, 204, 187) }
```


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

```
.border{ border-color:rgb(251, 204, 187) }
```

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

Here you see how a box with a 4 pixel rgb(251, 204, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3462, 67.2828, 56.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 187) }
```

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

```
.background{ background-color: rgb(251,  
204, 187) }
```

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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