

Converting Colors

XYZ(66.2833, 60.7459, 56.9378)

Have a look what the booklet for
XYZ(66.2833, 60.7459, 56.9378)
contains.

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Color

**XYZ(66.2828, 60.7535,
56.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BFBE
RGB	247, 191, 190
RGB Percent	97%, 75%, 75%
CMY	0.0314, 0.2510, 0.2549
CMYK	0.00, 0.23, 0.23, 0.03
HSL	1°, 78%, 86%
HSV	1°, 23%, 97%
XYZ	66.2828, 60.7535, 56.9483
YIQ	207.6300, 33.6970, 11.5610

Conversions

Conversions Part 2

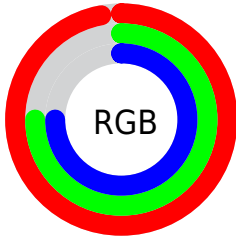
Format	Color
R_{YB}	247, 191, 190
Decimal	16236478
CIE _{Lab}	82.25, 19.92, 8.25
CIE _{LCh}	82, 21.561, 22.496
Yxy	60.7535, 0.3603, 0.3302
Android (android.graphics.Color)	4294426558 (0xFFFF7BFBE)
YUV	207.6300, -8.6916, 34.5275
Hunter-Lab	77.9445, 15.3907, 11.2424

Details

The XYZ color **66.2828, 60.7535, 56.9483** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **spanish pink**. A complement of this color would be **70.9785, 83.5715, 100.3859**, and the grayscale version is **59.7553, 62.8672, 68.4624**.

A 20% lighter version of the original color is **91.4420, 95.0486, 100.7155**, and **34.6962, 30.6446, 27.7532** is the 20% darker color. If you saturate the color by 10%, you get **58.9483, 50.0447, 42.2940**, and if you desaturate by 10%, it is **74.9547, 73.4041, 74.3069**.

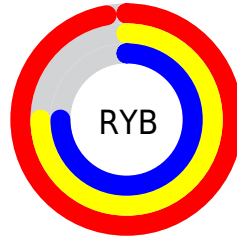
Distribution



Red (97%)

Green (75%)

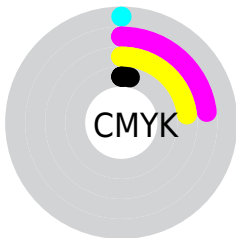
Blue (75%)



Red (97%)

Yellow (75%)

Blue (75%)

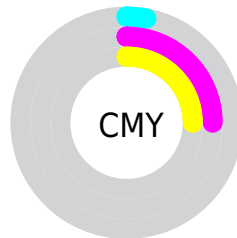


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (3%)



Cyan (3%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2828, 60.7535, 56.9483 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 66.2828, 60.7535, 56.9483 by changing the saturation by 10% instead.


 66.2828, 60.7535,
56.9483

 66.2828, 60.7535,
56.9483


436.8603,
427.3696, 430.7439

 48.7706, 44.0263,
40.5546


 112.9476,
105.9219, 101.8893

 34.6513, 30.6912,
27.6542


142.8309,
135.1319, 131.2738

 23.5596, 20.3638,
17.8284

177.5686,
169.2716, 165.8256

 15.1302, 12.6598,
10.6587

217.5260,
208.7255, 205.9633

 8.9978, 7.1947,
5.7265

263.0685,
253.8778, 252.1055

 4.7968, 3.5841,
2.6134

314.5615,

 2.1621, 1.4438,

305.1130, 304.6706

0.8994

372.3703,
362.8154, 364.0772

0.7226, 0.2487,
0.0000

0.0000, 0.0000,
0.0000

66.2828, 60.7535,
56.9483

66.2828, 60.7535,
56.9483

58.9483, 50.0447,
42.2940

74.9547, 73.4041,
74.3069

52.8801, 41.1737,
30.2043

85.0207, 88.0769,
94.4921

48.0080, 34.0398,
20.5329

92.1679, 98.5142,
108.7651

44.2530, 28.5292,
13.1174

■ 41.5265, 24.5143,
7.7751

■ 39.7267, 21.8488,
4.2953

■ 38.7309, 20.3570,
2.4224

■ 38.4051, 19.8687,
1.8109

Harmonies

Analogous

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



66.9379, 60.7535, 69.5044



66.2828, 60.7535, 56.9483



63.2825, 60.7535, 48.0664

Triad

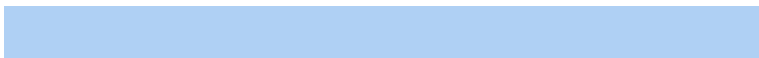
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2828, 60.7535, 56.9483



51.0261, 60.7535, 51.9322



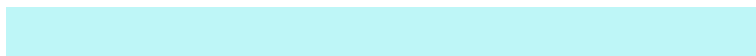
56.6001, 60.7535, 94.4878

Complementary

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



66.2828, 60.7535, 56.9483



70.9785, 83.5715, 100.3859

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.



52.5392, 60.7535, 88.2812



66.2828, 60.7535, 56.9483



49.4337, 60.7535, 62.9057

Square

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



66.2828, 60.7535, 56.9483



54.4350, 60.7535, 45.4490



49.9726, 60.7535, 76.2936



61.1853, 60.7535, 92.3408

Rectangle

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



66.2828, 60.7535, 56.9483



60.4381, 60.7535, 44.8656



49.9726, 60.7535, 76.2936



55.1319, 60.7535, 93.2838

Sweetspot

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



66.2845, 60.7563, 56.9495



86.9669, 88.2210, 92.6804



73.4139, 63.2586, 95.5701



18.4730, 18.6766, 19.5536



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.



66.2845, 60.7563, 56.9495



67.1693, 59.3428, 53.0420



73.1016, 74.3906, 59.2219



16.5226, 16.5292, 17.1172



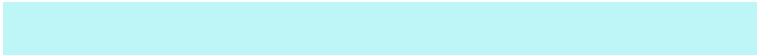
20.3218, 10.5291, 0.9613



1.7942, 0.9416, 0.0872

Inverse Universe

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



70.9785, 83.5715, 100.3859



73.0812, 88.0805, 107.7572



62.9792, 67.5729, 97.7194



16.9702, 18.7047, 21.2585



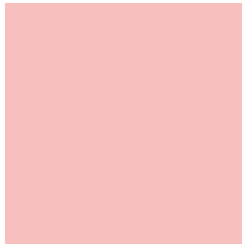
25.7852, 37.3642, 52.3910



2.2741, 3.2997, 4.6073

Previews

White Background



This preview shows how the XYZ color 66.2828, 60.7535, 56.9483 looks on a white background.

Color Contrast Check

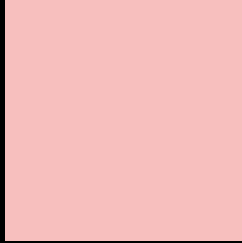
Large Text (above 18pt) WCAG AA × Fail

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 66.2828, 60.7535, 56.9483 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 66.2828, 60.7535, 56.9483

Background



This preview shows how black text looks on a background with the XYZ color 66.2828, 60.7535, 56.9483.



This preview shows how white text looks on a background with the XYZ color 66.2828, 60.7535,

56.9483.

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

66.2828, 60.7535, 56.9483

Protanopia

58.2493, 60.9186, 61.5117

Deuteranopia

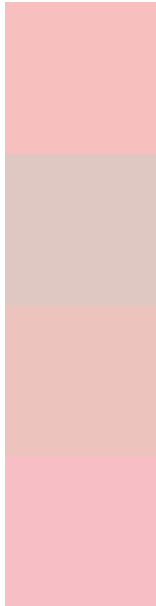
62.3344, 61.0512, 56.6428



Tritanopia

68.0440, 60.8467, 64.6582

Trichromacy



Original Color

66.2828, 60.7535, 56.9483

Protanomaly

60.5925, 60.4299, 59.5095

Deuteranomaly

63.6255, 60.7089, 56.5087

Tritanomaly

67.3179, 60.8606, 61.6253

Monochromacy



Original Color

66.2828, 60.7535, 56.9483

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7873, 61.9877, 63.9666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2828, 60.7535, 56.9483 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, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 190)  
}
```

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, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.2828, 60.7535, 56.9483 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, 191, 190) }
```


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

```
.border{ border-color:rgb(247, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2828, 60.7535, 56.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 190) }
```

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

```
.background{ background-color: rgb(247,  
191, 190) }
```

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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