

Converting Colors

XYZ(68.0769, 60.2609, 56.1119)

Have a look what the booklet for
XYZ(68.0769, 60.2609, 56.1119)
contains.

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Color

**XYZ(68.1956, 60.4748,
56.2226)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBD
RGB	255, 187, 189
RGB Percent	100%, 73%, 74%
CMY	0.0000, 0.2666, 0.2588
CMYK	0.00, 0.27, 0.26, 0.00
HSL	358°, 100%, 87%
HSV	358°, 27%, 100%
XYZ	68.1956, 60.4748, 56.2226
YIQ	207.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

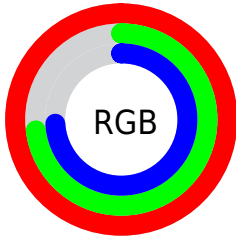
Format	Color
R _Y B	255, 187, 189
Decimal	16759741
CIE Lab	82.10, 24.79, 8.68
CIE LCh	82, 26.269, 19.290
Yxy	60.4748, 0.3688, 0.3271
Android (android.graphics.Color)	4294949821 (0xFFFFBBBD)
YUV	207.5600, -9.1501, 41.6049
Hunter-Lab	77.7655, 20.4438, 11.5707

Details

The XYZ color **68.1956, 60.4748, 56.2226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9856, 89.1778, 106.2464**, and the grayscale version is **59.7101, 62.8196, 68.4106**.

A 20% lighter version of the original color is **89.7720, 91.9538, 99.4036**, and **35.8574, 30.4229, 27.2749** is the 20% darker color. If you saturate the color by 10%, you get **60.7970, 49.6165, 41.6128**, and if you desaturate by 10%, it is **77.0164, 73.4430, 73.5699**.

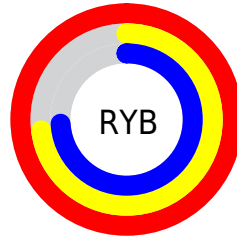
Distribution



Red (100%)

Green (73%)

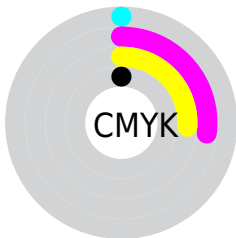
Blue (74%)



Red (100%)

Yellow (73%)

Blue (74%)

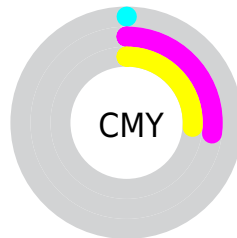


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1956, 60.4748, 56.2226 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 68.1956, 60.4748, 56.2226 by changing the saturation by 10% instead.


 68.1956, 60.4748,
56.2226

 68.1956, 60.4748,
56.2226


443.5546,
426.3457, 427.9417

 50.3311, 43.8015,
39.9762


 115.6723,
105.5181, 100.8190

 35.8955, 30.5144,
27.2064

146.0152,
134.6569, 130.0061

 24.5232, 20.2294,
17.4945


181.2484,
168.7196, 164.3439

 15.8490, 12.5619,
10.4220

221.7371,
208.0906, 204.2509

 9.5075, 7.1276,
5.5704

267.8467,
253.1543, 250.1456

 5.1334, 3.5420,
2.5211


319.9426,

 2.3613, 1.4208,


304.2951, 302.4467


0.8513


378.3901,
361.8974, 361.5725


 0.8258, 0.2320,
0.0000


 0.0000, 0.0000,
0.0000


 68.1956, 60.4748,
56.2226


 68.1956, 60.4748,
56.2226

 60.7970, 49.6165,
41.6128


 77.0164, 73.4430,
73.5699

 54.7417, 40.7488,
29.5972

 87.3234, 88.6156,
93.7806

 49.9506, 33.7534,
20.0254

95.0500, 100.0000,
108.9000

 46.3342, 28.4961,
12.7297

■ 43.7913, 24.8247,
7.5214

■ 42.2036, 22.5610,
4.1818

■ 41.4239, 21.4813,
2.4430

■ 41.2810, 21.2764,
2.1458

Harmonies

Analogous

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



68.6615, 60.4748, 71.7149



68.1956, 60.4748, 56.2226



64.7539, 60.4748, 45.2206

Triad

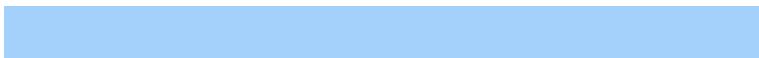
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1956, 60.4748, 56.2226



49.7353, 60.4748, 47.7941



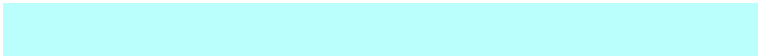
55.5114, 60.4748, 100.8283

Complementary

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



68.1956, 60.4748, 56.2226



73.9856, 89.1778, 106.2464

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.



50.7714, 60.4748, 91.9492



68.1956, 60.4748, 56.2226



47.5826, 60.4748, 60.3078

Square

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



68.1956, 60.4748, 56.2226



54.0127, 60.4748, 40.9258



47.9492, 60.4748, 76.5110



61.0916, 60.4748, 99.2584

Rectangle

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



68.1956, 60.4748, 56.2226



61.3519, 60.4748, 41.1156



47.9492, 60.4748, 76.5110



53.7735, 60.4748, 98.9166

Sweetspot

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



68.1972, 60.4776, 56.2238



85.8580, 86.4575, 90.9105



76.2328, 63.5961, 102.8651



18.0310, 17.9957, 18.7803



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.



68.1972, 60.4776, 56.2238



64.0765, 54.4272, 48.0958



75.4732, 75.3739, 57.5881



18.0310, 17.9957, 18.7803



21.5795, 11.1211, 1.1703



2.1084, 1.0857, 0.1522

Inverse Universe

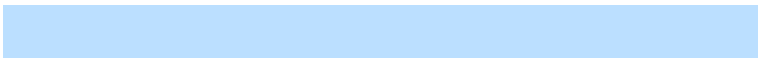
The Inverse Universe completely reimagines the original color for something new.



68.1972, 60.4776, 56.2238



64.0765, 54.4272, 48.0958



65.0049, 70.7052, 104.8291



18.0310, 17.9957, 18.7803



21.5795, 11.1211, 1.1703



2.1084, 1.0857, 0.1522

Previews

White Background



This preview shows how the XYZ color 68.1956, 60.4748, 56.2226 looks on a white background.

Color Contrast Check

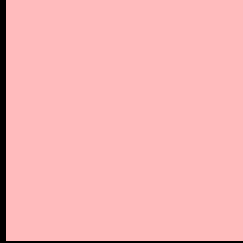
Large Text (above 18pt) WCAG AA × Fail

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 68.1956, 60.4748, 56.2226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

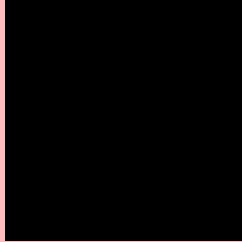
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1956, 60.4748, 56.2226

Background



This preview shows how black text looks on a background with the XYZ color 68.1956, 60.4748, 56.2226.

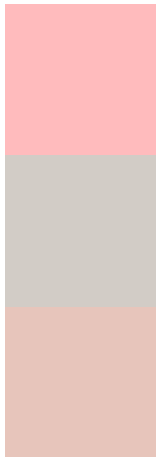


This preview shows how white text looks on a background with the XYZ color 68.1956, 60.4748,

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

68.1956, 60.4748, 56.2226

Protanopia

58.3643, 60.9646, 62.1173

Deuteranopia

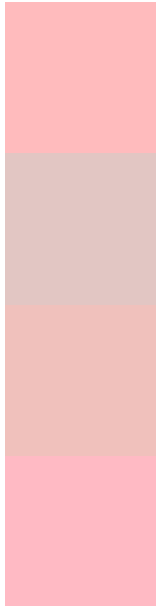
61.8909, 60.5093, 55.4312



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

68.1956, 60.4748, 56.2226

Protanomaly

61.4084, 60.4970, 60.0703

Deuteranomaly

64.0822, 60.2960, 55.8378

Tritanomaly

68.7627, 60.3633, 60.2517

Monochromacy



Original Color

68.1956, 60.4748, 56.2226

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.2482, 61.5332, 63.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1956, 60.4748, 56.2226 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, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 189)  
}
```

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, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 189) }
```

Border

The CSS property to change the border of an element to XYZ 68.1956, 60.4748, 56.2226 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, 187, 189) }
```


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

```
.border{ border-color:rgb(255, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1956, 60.4748, 56.2226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 189) }
```

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

```
.background{ background-color: rgb(255,  
187, 189) }
```

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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