

Converting Colors

XYZ(68.1738, 60.1783, 56.9944)

Have a look what the booklet for
XYZ(68.1738, 60.1783, 56.9944)
contains.

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Color

**XYZ(68.0932, 60.0955,
56.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBABE
RGB	255, 186, 190
RGB Percent	100%, 73%, 75%
CMY	0.0000, 0.2706, 0.2549
CMYK	0.00, 0.27, 0.25, 0.00
HSL	357°, 100%, 86%
HSV	357°, 27%, 100%
XYZ	68.0932, 60.0955, 56.7259
YIQ	207.0870, 39.8400, 15.8720

Conversions

Conversions Part 2

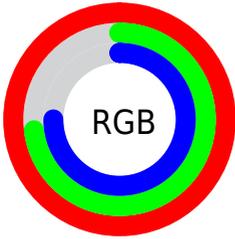
Format	Color
R _Y B	255, 186, 190
Decimal	16759486
CIE Lab	81.89, 25.46, 7.85
CIE LCh	82, 26.637, 17.130
Yxy	60.0955, 0.3682, 0.3250
Android (android.graphics.Color)	4294949566 (0xFFFFBABE)
YUV	207.0870, -8.4239, 42.0197
Hunter-Lab	77.5213, 21.1287, 10.8797

Details

The XYZ color **68.0932, 60.0955, 56.7259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4246, 88.9252, 104.5652**, and the grayscale version is **59.4001, 62.4935, 68.0555**.

A 20% lighter version of the original color is **89.6267, 91.4181, 100.1104**, and **35.7926, 30.1790, 27.6056** is the 20% darker color. If you saturate the color by 10%, you get **60.7797, 49.3299, 42.3840**, and if you desaturate by 10%, it is **76.8010, 72.9568, 73.6691**.

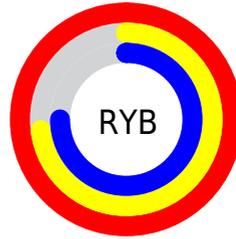
Distribution



Red (100%)

Green (73%)

Blue (75%)



Red (100%)

Yellow (73%)

Blue (75%)

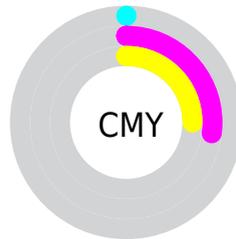


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0932, 60.0955, 56.7259 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 68.0932, 60.0955, 56.7259 by changing the saturation by 10% instead.

 68.0932, 60.0955,
56.7259

 68.0932, 60.0955,
56.7259

443.1977,
424.9497, 429.8864

 50.2475, 43.4956,
40.3773

 115.5266,
104.9682, 101.5615

 35.8287, 30.2742,
27.5168

145.8451,
134.0098, 130.8856

 24.4714, 20.0468,
17.7259

181.0519,
167.9674, 165.3719

 15.8103, 12.4291,
10.5860

221.5123,
207.2254, 205.4391

 9.4800, 7.0366,
5.6785

267.5917,
252.1683, 251.5055

 5.1152, 3.4850,
2.5850

319.6556,

 2.3505, 1.3899,

303.1804, 303.9899

0.8847

378.0691,
360.6460, 363.3106

 0.8203, 0.2092,
0.0000

 0.0000, 0.0000,
0.0000

 68.0932, 60.0955,
56.7259

 68.0932, 60.0955,
56.7259

 60.7797, 49.3299,
42.3840

 76.8010, 72.9568,
73.6691

 54.7839, 40.5413,
30.5111

 86.9657, 88.0079,
93.3297

 50.0287, 33.6120,
20.9690

95.0500, 100.0000,
108.9000

 46.4270, 28.4081,
13.6043

■ 43.8805, 24.7781,
8.2451

■ 42.2744, 22.5442,
4.6938

■ 41.4647, 21.4802,
2.7115

■ 41.3246, 21.2938,
2.3753

Harmonies

Analogous

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



68.3275, 60.0955, 72.5799



68.0932, 60.0955, 56.7259



64.7994, 60.0955, 45.2525

Triad

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



68.0932, 60.0955, 56.7259



49.5517, 60.0955, 46.5382



54.7432, 60.0955, 100.5227

Complementary

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



68.0932, 60.0955, 56.7259



73.4246, 88.9252, 104.5652

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.



50.0708, 60.0955, 90.8681



68.0932, 60.0955, 56.7259



47.2086, 60.0955, 58.7728

Square

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



68.0932, 60.0955, 56.7259



53.9915, 60.0955, 40.0676



47.3921, 60.0955, 74.9901



60.3650, 60.0955, 99.7311

Rectangle

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



68.0932, 60.0955, 56.7259



61.4272, 60.0955, 40.8375



47.3921, 60.0955, 74.9901



53.0170, 60.0955, 98.3325

Sweetspot

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



68.0946, 60.0982, 56.7271



85.9425, 86.4913, 91.3552



75.1782, 62.7385, 102.7552



18.0520, 18.0041, 18.8911



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.



68.0946, 60.0982, 56.7271



64.3088, 54.5202, 49.3194



74.6347, 73.8678, 56.7821



18.0520, 18.0041, 18.8911



21.6096, 11.1331, 1.3288



2.1184, 1.0897, 0.2047

Inverse Universe

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



68.0946, 60.0982, 56.7271



64.3088, 54.5202, 49.3194



65.2542, 71.5659, 104.9821



18.0520, 18.0041, 18.8911



21.6096, 11.1331, 1.3288



2.1184, 1.0897, 0.2047

Previews

White Background



This preview shows how the XYZ color 68.0932, 60.0955, 56.7259 looks on a white background.

Color Contrast Check

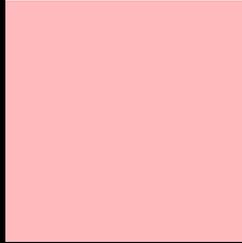
Large Text (above 18pt) WCAG AA × Fail

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 68.0932, 60.0955, 56.7259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

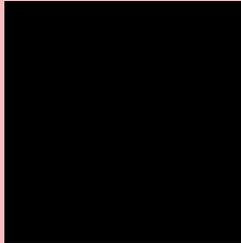
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0932, 60.0955, 56.7259

Background



This preview shows how black text looks on a background with the XYZ color 68.0932, 60.0955, 56.7259.



This preview shows how white text looks on a background with the XYZ color 68.0932, 60.0955,

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

68.0932, 60.0955, 56.7259

Protanopia

57.9592, 60.3907, 62.6346

Deuteranopia

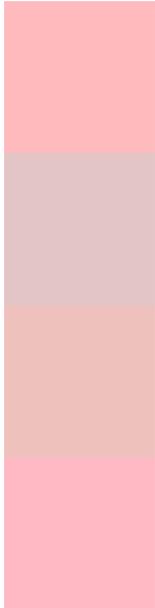
61.6765, 60.3863, 55.9820



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

68.0932, 60.0955, 56.7259

Protanomaly

61.2941, 60.0868, 60.5919

Deuteranomaly

63.8519, 60.1648, 56.3917

Tritanomaly

68.5528, 59.9434, 60.1817

Monochromacy



Original Color

68.0932, 60.0955, 56.7259

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.7065, 60.9112, 63.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0932, 60.0955, 56.7259 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, 186, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 190) }
```

Border

The CSS property to change the border of an element to XYZ 68.0932, 60.0955, 56.7259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

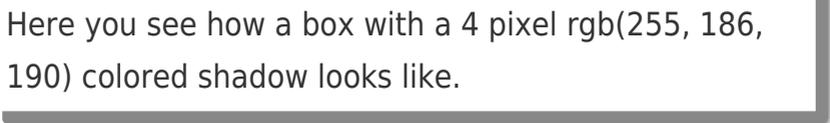
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 186, 190) }
```

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

```
.border{ border-color:rgb(255, 186, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 186, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 190); box-shadow:4px 4px 4px 4px rgb(255, 186, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0932, 60.0955, 56.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 190) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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