

Converting Colors

XYZ(65.0891, 56.4236, 55.6044)

Have a look what the booklet for
XYZ(65.0891, 56.4236, 55.6044)
contains.

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Color

**XYZ(65.0891, 56.4236,
55.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB3BD
RGB	251, 179, 189
RGB Percent	98%, 70%, 74%
CMY	0.0157, 0.2980, 0.2588
CMYK	0.00, 0.29, 0.25, 0.02
HSL	352°, 90%, 84%
HSV	352°, 29%, 98%
XYZ	65.0891, 56.4236, 55.6044
YIQ	201.6680, 39.7020, 18.3740

Conversions

Conversions Part 2

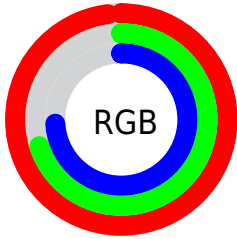
Format	Color
R _Y B	251, 179, 189
Decimal	16495549
CIE Lab	79.85, 27.55, 5.40
CIE LCh	80, 28.077, 11.096
Yxy	56.4236, 0.3675, 0.3186
Android (android.graphics.Color)	4294685629 (0xFFFBB3BD)
YUV	201.6680, -6.2453, 43.2642
Hunter-Lab	75.1156, 23.2212, 8.6915

Details

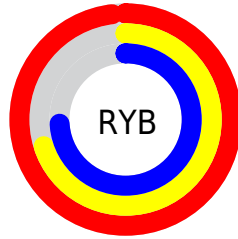
The XYZ color **65.0891, 56.4236, 55.6044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9672, 84.9303, 95.9817**, and the grayscale version is **55.9539, 58.8679, 64.1071**.

A 20% lighter version of the original color is **87.4298, 87.2692, 98.6228**, and **33.8971, 28.0367, 26.9176** is the 20% darker color. If you saturate the color by 10%, you get **58.3348, 46.3939, 42.6269**, and if you desaturate by 10%, it is **73.1119, 68.4296, 70.7312**.

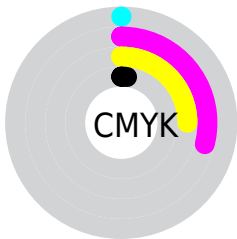
Distribution



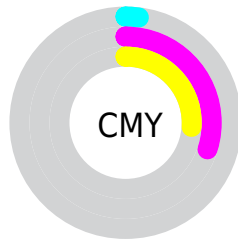
- Red (98%)
- Green (70%)
- Blue (74%)



- Red (98%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0891, 56.4236, 55.6044 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 65.0891, 56.4236, 55.6044 by changing the saturation by 10% instead.


 65.0891, 56.4236,
55.6044

 65.0891, 56.4236,
55.6044


432.6522,
411.2859, 425.5453

 47.7983, 40.5427,
39.4840


 111.2429, 99.6237,
99.9059

 33.8778, 27.9619,
26.8257


140.8367,
127.7116, 128.9241

 22.9622, 18.2969,
17.2111


175.2621,
160.6372, 163.0787

 14.6861, 11.1634,
10.2216

214.8846,
198.7850, 202.7881

 8.6843, 6.1768,
5.4386

260.0695,
242.5394, 248.4709

 4.5913, 2.9529,
2.4436

311.1822,

 2.0418, 1.1072,

292.2848, 300.5457

0.8101

368.5880,
348.4055, 359.4310

0.6573, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

65.0891, 56.4236,
55.6044

65.0891, 56.4236,
55.6044

58.3348, 46.3939,
42.6269

73.1119, 68.4296,
70.7312

52.7790, 38.2270,
31.6974

82.4588, 82.5017,
88.0953

48.3525, 31.8101,
22.7117

93.1880, 98.7336,
107.7839

44.9766, 27.0147,
15.5550

93.5938, 99.2493,
108.8319

■ 42.5625, 23.6949,
10.1000

■ 41.0062, 21.6782,
6.2028

■ 40.1646, 20.7191,
3.6902

■ 40.0849, 20.6298,
3.4474

Harmonies

Analogous

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



64.6517, 56.4236, 72.1487



65.0891, 56.4236, 55.6044



62.2974, 56.4236, 43.0665

Triad

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



65.0891, 56.4236, 55.6044



46.7585, 56.4236, 40.7311



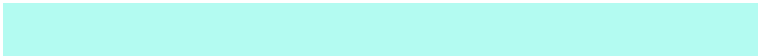
50.1642, 56.4236, 96.0750

Complementary

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



65.0891, 56.4236, 55.6044



68.9672, 84.9303, 95.9817

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.



45.8044, 56.4236, 84.4018



65.0891, 56.4236, 55.6044



43.9362, 56.4236, 51.8394

Square

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



65.0891, 56.4236, 55.6044



51.5522, 56.4236, 35.5471



43.5997, 56.4236, 67.6611



55.7608, 56.4236, 97.5694

Rectangle

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



65.0891, 56.4236, 55.6044



59.0889, 56.4236, 37.8990



43.5997, 56.4236, 67.6611



48.5162, 56.4236, 93.1261

Sweetspot

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



65.0906, 56.4262, 55.6055



85.1402, 85.0132, 90.6981



69.5376, 57.7683, 98.7525



17.9042, 17.7146, 18.8229



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.



65.0906, 56.4262, 55.6055



63.5706, 52.6852, 50.1787



69.5626, 67.0472, 51.9262



17.3427, 17.2644, 18.3946



21.1006, 10.8560, 1.9722



1.9834, 1.0171, 0.3358

Inverse Universe

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



65.0906, 56.4262, 55.6055



63.5706, 52.6852, 50.1787



63.1472, 70.8349, 101.6115



17.3427, 17.2644, 18.3946



21.1006, 10.8560, 1.9722



1.9834, 1.0171, 0.3358

Previews

White Background



This preview shows how the XYZ color 65.0891, 56.4236, 55.6044 looks on a white background.

Color Contrast Check

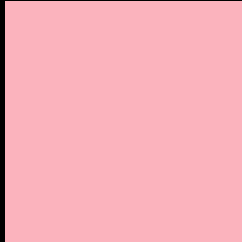
Large Text (above 18pt) WCAG AA × Fail

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 65.0891, 56.4236, 55.6044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

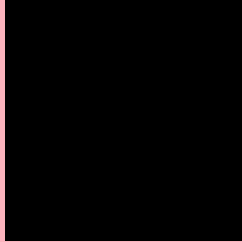
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0891, 56.4236, 55.6044

Background



This preview shows how black text looks on a background with the XYZ color 65.0891, 56.4236, 55.6044.



This preview shows how white text looks on a background with the XYZ color 65.0891, 56.4236,

55.6044.

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

65.0891, 56.4236, 55.6044

Protanopia

54.3624, 56.4735, 62.0681

Deuteranopia

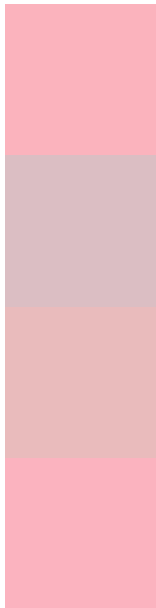
57.9435, 56.8167, 54.9265



Tritanopia

65.4182, 56.5552, 57.3375

Trichromacy



Original Color

65.0891, 56.4236, 55.6044

Protanomaly

57.4772, 55.8271, 59.3761

Deuteranomaly

60.4517, 56.4951, 55.2955

Tritanomaly

65.3077, 56.5110, 56.7558

Monochromacy



Original Color

65.0891, 56.4236, 55.6044

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.8850, 57.8304, 60.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0891, 56.4236, 55.6044 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, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(251, 179, 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(251, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 179, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.0891, 56.4236, 55.6044 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, 179, 189) }
```


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

```
.border{ border-color:rgb(251, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(251, 179,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0891, 56.4236, 55.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 179, 189) }
```

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

```
.background{ background-color: rgb(251,  
179, 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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