

Converting Colors

XYZ(149.2824, 100.0000,
55.0866)

Have a look what the booklet for
XYZ(149.2824, 100.0000, 55.0866)
contains.

XYZ(65.7006, 56.8364, 51.2238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.7006, 56.8364,
51.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3B5
RGB	255, 179, 181
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.2980, 0.2902
CMYK	0.00, 0.30, 0.29, 0.00
HSL	358°, 100%, 85%
HSV	358°, 30%, 100%
XYZ	65.7006, 56.8364, 51.2238
YIQ	201.9520, 44.6540, 16.7340

Conversions

Conversions Part 2

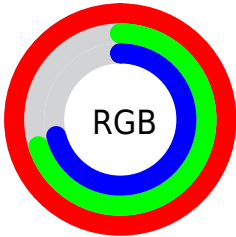
Format	Color
R _Y B	255, 179, 181
Decimal	16757685
CIE Lab	80.09, 27.92, 10.12
CIE LCh	80, 29.700, 19.920
Yxy	56.8364, 0.3781, 0.3271
Android (android.graphics.Color)	4294947765 (0xFFFFB3B5)
YUV	201.9520, -10.3293, 46.5231
Hunter-Lab	75.3899, 23.6263, 12.4883

Details

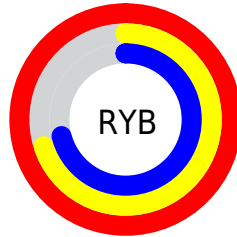
The XYZ color **65.7006, 56.8364, 51.2238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0823, 88.1967, 106.1573**, and the grayscale version is **56.1533, 59.0776, 64.3355**.

A 20% lighter version of the original color is **86.2344, 86.7911, 92.3281**, and **34.3831, 28.3505, 24.0821** is the 20% darker color. If you saturate the color by 10%, you get **58.7295, 46.6147, 37.4305**, and if you desaturate by 10%, it is **74.0736, 69.1349, 67.7258**.

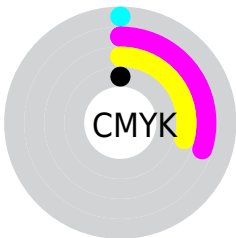
Distribution



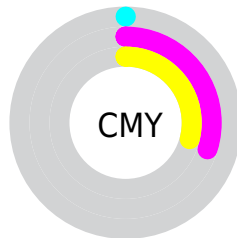
- Red (100%)
- Green (70%)
- Blue (71%)



- Red (100%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7006, 56.8364, 51.2238 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 65.7006, 56.8364, 51.2238 by changing the saturation by 10% instead.


 65.7006, 56.8364,
51.2238

 65.7006, 56.8364,
51.2238


434.8109,
412.8360, 408.3040

 48.2962, 40.8739,
36.0088


 112.1166,
100.2264, 93.4004

 34.2737, 28.2206,
24.1512


141.8590,
128.4228, 121.1990

 23.2679, 18.4920,
15.2326


176.4446,
161.4658, 154.0293

 14.9132, 11.3038,
8.8344

216.2390,
199.7400, 192.3098

 8.8444, 6.2716,
4.5380

261.6075,
243.6297, 236.4589

 4.6961, 3.0109,
1.9249

312.9154,

 2.1030, 1.1374,

293.5194, 286.8953

0.5085

370.5281,
349.7933, 344.0375

■ 0.6908, 0.0097,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7006, 56.8364,
51.2238

■ 65.7006, 56.8364,
51.2238

■ 58.7295, 46.6147,
37.4305

■ 74.0736, 69.1349,
67.7258

■ 53.0798, 38.3480,
26.1981

■ 83.9148, 83.6077,
87.0668

■ 48.6694, 31.9138,
17.3698

95.0500, 100.0000,
108.9000

■ 45.4051, 27.1730,
10.7705

■ 43.1808, 23.9660,
6.2011

■ 41.8705, 22.1035,
3.4273

■ 41.2849, 21.2867,
2.1392

■ 41.2767, 21.2747,
2.1231

Harmonies

Analogous

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



66.2902, 56.8364, 67.8950



65.7006, 56.8364, 51.2238



61.8546, 56.8364, 39.7522

Triad

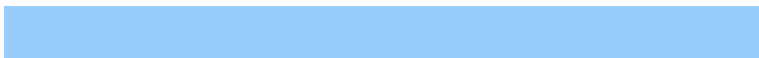
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7006, 56.8364, 51.2238



45.6081, 56.8364, 42.8341



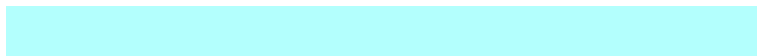
52.0127, 56.8364, 100.7787

Complementary

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



65.7006, 56.8364, 51.2238



72.0823, 88.1967, 106.1573

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.



46.8789, 56.8364, 91.0046



65.7006, 56.8364, 51.2238



43.3680, 56.8364, 56.2409

Square

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



65.7006, 56.8364, 51.2238



50.1577, 56.8364, 35.5713



43.8152, 56.8364, 73.9318



58.0784, 56.8364, 98.7472

Rectangle

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



65.7006, 56.8364, 51.2238



58.1103, 56.8364, 35.5933



43.8152, 56.8364, 73.9318



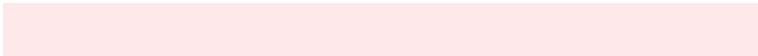
50.1287, 56.8364, 98.7039

Sweetspot

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



65.7020, 56.8390, 51.2249



84.7691, 84.8647, 88.7435



74.4856, 60.2455, 102.3105



17.8137, 17.6784, 18.3462



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.



65.7020, 56.8390, 51.2249



61.2199, 50.2643, 42.3644



73.5431, 72.8464, 52.8359



18.0287, 17.9948, 18.7683



21.5763, 11.1198, 1.1533



2.1073, 1.0853, 0.1465

Inverse Universe

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



65.7020, 56.8390, 51.2249



61.2199, 50.2643, 42.3644



62.1136, 67.7478, 104.4106



18.0287, 17.9948, 18.7683



21.5763, 11.1198, 1.1533



2.1073, 1.0853, 0.1465

Previews

White Background



This preview shows how the XYZ color 65.7006, 56.8364, 51.2238 looks on a white background.

Color Contrast Check

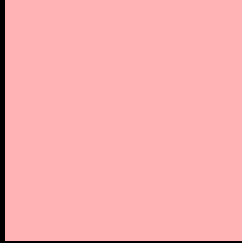
Large Text (above 18pt) WCAG AA × Fail

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 65.7006, 56.8364, 51.2238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

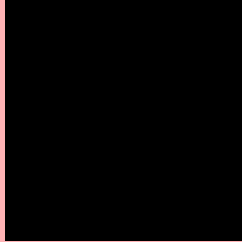
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7006, 56.8364, 51.2238

Background



This preview shows how black text looks on a background with the XYZ color 65.7006, 56.8364, 51.2238.



This preview shows how white text looks on a background with the XYZ color 65.7006, 56.8364,

51.2238.

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

65.7006, 56.8364, 51.2238

Protanopia

54.4999, 56.9871, 57.4174

Deuteranopia

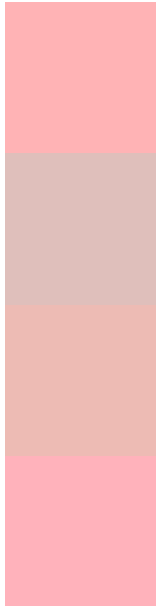
58.3504, 57.1227, 50.5982



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

65.7006, 56.8364, 51.2238

Protanomaly

58.0319, 56.5374, 54.8679

Deuteranomaly

60.9336, 56.8405, 50.9398

Tritanomaly

66.1300, 56.6886, 54.4703

Monochromacy



Original Color

65.7006, 56.8364, 51.2238

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.8482, 57.8508, 59.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7006, 56.8364, 51.2238 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, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 181)  
}
```

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, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.7006, 56.8364, 51.2238 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, 179, 181) }
```


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

```
.border{ border-color:rgb(255, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7006, 56.8364, 51.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 181) }
```

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

```
.background{ background-color: rgb(255,  
179, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor