

Converting Colors

XYZ(65.8036, 56.8776, 51.7662)

Have a look what the booklet for
XYZ(65.8036, 56.8776, 51.7662)
contains.

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Color

**XYZ(65.8036, 56.8776,
51.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3B6
RGB	255, 179, 182
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.2980, 0.2863
CMYK	0.00, 0.30, 0.29, 0.00
HSL	358°, 100%, 85%
HSV	358°, 30%, 100%
XYZ	65.8036, 56.8776, 51.7662
YIQ	202.0660, 44.3330, 17.0450

Conversions

Conversions Part 2

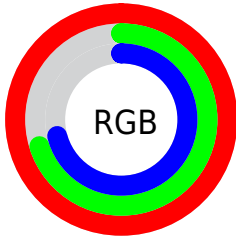
Format	Color
R _Y B	255, 179, 182
Decimal	16757686
CIE Lab	80.11, 28.05, 9.61
CIE LCh	80, 29.655, 18.913
Yxy	56.8776, 0.3772, 0.3260
Android (android.graphics.Color)	4294947766 (0xFFFFB3B6)
YUV	202.0660, -9.8925, 46.4231
Hunter-Lab	75.4172, 23.7660, 12.0956

Details

The XYZ color **65.8036, 56.8776, 51.7662** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9234, 88.1331, 105.3204**, and the grayscale version is **56.2219, 59.1498, 64.4141**.

A 20% lighter version of the original color is **86.3809, 86.8497, 93.0998**, and **34.4493, 28.3770, 24.4305** is the 20% darker color. If you saturate the color by 10%, you get **58.8434, 46.6603, 38.0303**, and if you desaturate by 10%, it is **74.1544, 69.1673, 68.1514**.

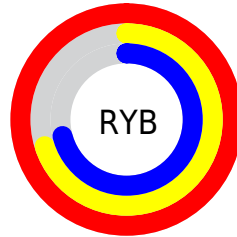
Distribution



Red (100%)

Green (70%)

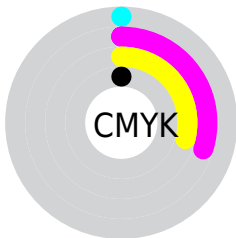
Blue (71%)



Red (100%)

Yellow (70%)

Blue (71%)

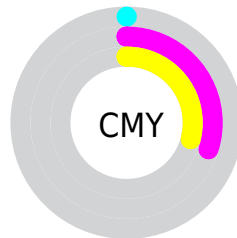


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8036, 56.8776, 51.7662 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 65.8036, 56.8776, 51.7662 by changing the saturation by 10% instead.


 65.8036, 56.8776,
51.7662

 65.8036, 56.8776,
51.7662


435.1739,
412.9905, 410.4646

 48.3801, 40.9070,
36.4378


 112.2637,
100.2866, 94.2094

 34.3405, 28.2464,
24.4801


142.0310,
128.4937, 122.1613

 23.3194, 18.5115,
15.4747


176.6436,
161.5485, 155.1581

 14.9515, 11.3178,
9.0029

216.4669,
199.8353, 193.6183

 8.8715, 6.2810,
4.6462

261.8662,
243.7385, 237.9606

 4.7139, 3.0167,
1.9861

313.2069,

 2.1134, 1.1405,

293.6425, 288.6033

0.5467

370.8544,
349.9317, 345.9651

■ 0.6965, 0.0123,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8036, 56.8776,
51.7662

■ 65.8036, 56.8776,
51.7662

■ 58.8434, 46.6603,
38.0303

■ 74.1544, 69.1673,
68.1514

■ 53.1944, 38.3938,
26.8014

■ 83.9612, 83.6263,
87.3112

■ 48.7756, 31.9563,
17.9292

95.0500, 100.0000,
108.9000

■ 45.4954, 27.2091,
11.2458

■ 43.2492, 23.9934,
6.5613

■ 41.9134, 22.1206,
3.6531

■ 41.3032, 21.2941,
2.2359

■ 41.2951, 21.2820,
2.2199

Harmonies

Analogous

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



66.2722, 56.8776, 68.5463



65.8036, 56.8776, 51.7662



62.0548, 56.8776, 40.0984

Triad

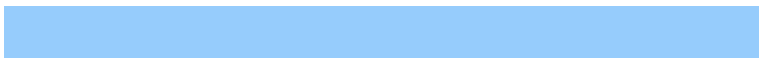
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8036, 56.8776, 51.7662



45.7739, 56.8776, 42.5482



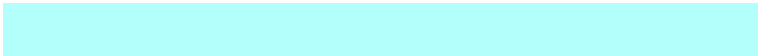
51.8586, 56.8776, 100.6234

Complementary

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



65.8036, 56.8776, 51.7662



71.9234, 88.1331, 105.3204

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.



46.7840, 56.8776, 90.5219



65.8036, 56.8776, 51.7662



43.4493, 56.8776, 55.7539

Square

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



65.8036, 56.8776, 51.7662



50.3841, 56.8776, 35.5010



43.8048, 56.8776, 73.3441



57.9114, 56.8776, 99.0089

Rectangle

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



65.8036, 56.8776, 51.7662



58.3458, 56.8776, 35.7996



43.8048, 56.8776, 73.3441



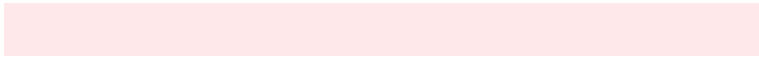
49.9902, 56.8776, 98.4201

Sweetspot

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



65.8050, 56.8802, 51.7673



84.8122, 84.8820, 88.9704



74.0273, 60.0092, 102.2890



17.8242, 17.6826, 18.4015



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.



65.8050, 56.8802, 51.7673



61.3309, 50.3088, 42.9490



73.2228, 72.2059, 52.7291



18.0384, 17.9987, 18.8193



21.5901, 11.1253, 1.2259



2.1119, 1.0871, 0.1707

Inverse Universe

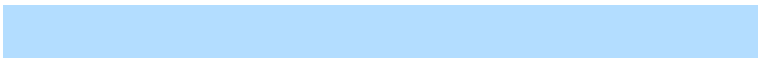
The Inverse Universe completely reimagines the original color for something new.



65.8050, 56.8802, 51.7673



61.3309, 50.3088, 42.9490



62.4463, 68.4134, 104.5216



18.0384, 17.9987, 18.8193



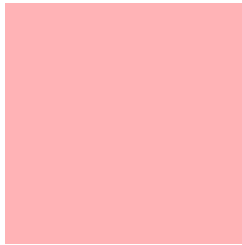
21.5901, 11.1253, 1.2259



2.1119, 1.0871, 0.1707

Previews

White Background



This preview shows how the XYZ color 65.8036, 56.8776, 51.7662 looks on a white background.

Color Contrast Check

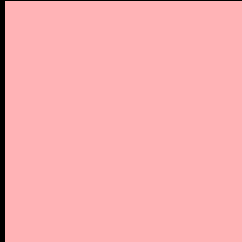
Large Text (above 18pt) WCAG AA × Fail

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 65.8036, 56.8776, 51.7662 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 65.8036, 56.8776, 51.7662

Background



This preview shows how black text looks on a background with the XYZ color 65.8036, 56.8776, 51.7662.



This preview shows how white text looks on a background with the XYZ color 65.8036, 56.8776,

51.7662.

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

65.8036, 56.8776, 51.7662

Protanopia

54.6104, 57.0313, 57.9990

Deuteranopia

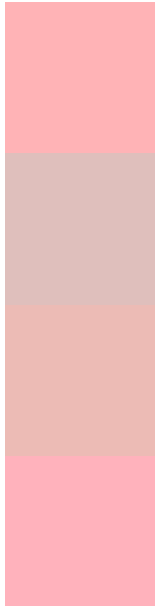
58.1392, 57.0021, 51.1183



Tritanopia

66.5644, 56.8624, 56.7574

Trichromacy



Original Color

65.8036, 56.8776, 51.7662

Protanomaly

58.1393, 56.5804, 55.4338

Deuteranomaly

60.7029, 56.7097, 51.4627

Tritanomaly

66.2375, 56.7316, 55.0362

Monochromacy



Original Color

65.8036, 56.8776, 51.7662

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.9609, 57.8959, 59.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8036, 56.8776, 51.7662 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.8036, 56.8776, 51.7662 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, 182) }
```


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

```
.border{ border-color:rgb(255, 179, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8036, 56.8776, 51.7662 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
179, 182) }
```

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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