

Converting Colors

XYZ(81.5102, 64.7275, 53.1230)

Have a look what the booklet for
XYZ(81.5102, 64.7275, 53.1230)
contains.

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Color

**XYZ(65.7076, 56.5197,
52.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B7
RGB	255, 178, 183
RGB Percent	100%, 70%, 72%
CMY	0.0000, 0.3019, 0.2823
CMYK	0.00, 0.30, 0.28, 0.00
HSL	356°, 100%, 85%
HSV	356°, 30%, 100%
XYZ	65.7076, 56.5197, 52.2460
YIQ	201.5930, 44.2870, 17.8790

Conversions

Conversions Part 2

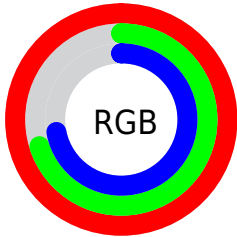
Format	Color
R _Y B	255, 178, 183
Decimal	16757431
CIE _{Lab}	79.91, 28.71, 8.78
CIE _{LCh}	80, 30.023, 17.010
Y _{xy}	56.5197, 0.3766, 0.3239
Android (android.graphics.Color)	4294947511 (0xFFFFB2B7)
Y _{UV}	201.5930, -9.1663, 46.8379
Hunter-Lab	75.1796, 24.4463, 11.4222

Details

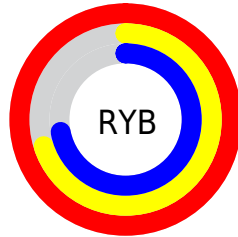
The XYZ color **65.7076, 56.5197, 52.2460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3777, 87.8882, 103.6489**, and the grayscale version is **55.9228, 58.8351, 64.0714**.

A 20% lighter version of the original color is **86.2428, 86.3376, 93.7807**, and **34.3888, 28.1493, 24.7400** is the 20% darker color. If you saturate the color by 10%, you get **58.8222, 46.3899, 38.7256**, and if you desaturate by 10%, it is **73.9596, 68.7090, 68.2976**.

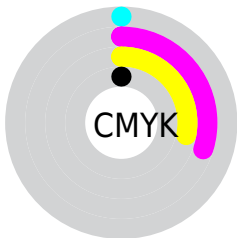
Distribution



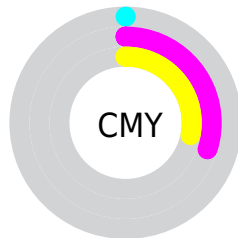
- Red (100%)
- Green (70%)
- Blue (72%)



- Red (100%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7076, 56.5197, 52.2460 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 65.7076, 56.5197, 52.2460 by changing the saturation by 10% instead.


 65.7076, 56.5197,
52.2460

 65.7076, 56.5197,
52.2460

434.8356,
411.6471, 412.3695

 48.3019, 40.6198,
36.8176


 112.1266, 99.7640,
94.9242

 34.2783, 28.0221,
24.7716


141.8706,
127.8772, 123.0111

 23.2714, 18.3423,
15.6895


176.4582,
160.8302, 156.1546

 14.9158, 11.1960,
9.1527

216.2545,
199.0075, 194.7732

 8.8462, 6.1988,
4.7428

261.6251,
242.7934, 239.2854

 4.6973, 2.9664,
2.0411

312.9352,

 2.1037, 1.1142,

292.5724, 290.1099

0.5804

370.5503,
348.7289, 347.6650

■ 0.6912, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7076, 56.5197,
52.2460

■ 65.7076, 56.5197,
52.2460

■ 58.8222, 46.3899,
38.7256

■ 73.9596, 68.7090,
68.2976

■ 53.2252, 38.1984,
27.6040

■ 83.6416, 83.0544,
86.9968

■ 48.8379, 31.8240,
18.7419

94.8186, 99.6559,
108.4568

■ 45.5706, 27.1281,
11.9842

95.0500, 100.0000,
108.9000

■ 43.3213, 23.9523,
7.1566

■ 41.9695, 22.1082,
4.0562

■ 41.3376, 21.2991,
2.4441

Harmonies

Analogous

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



65.9510, 56.5197, 69.3864



65.7076, 56.5197, 52.2460



62.1026, 56.5197, 40.1336

Triad

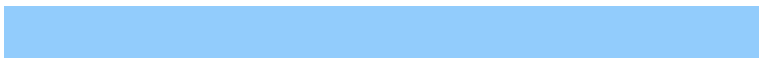
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7076, 56.5197, 52.2460



45.6058, 56.5197, 41.3972



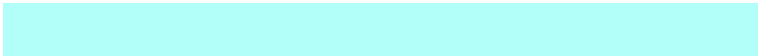
51.1322, 56.5197, 100.3214

Complementary

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



65.7076, 56.5197, 52.2460



71.3777, 87.8882, 103.6489

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.



46.1283, 56.5197, 89.4596



65.7076, 56.5197, 52.2460



43.1037, 56.5197, 54.3092

Square

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



65.7076, 56.5197, 52.2460



50.3686, 56.5197, 34.7300



43.2875, 56.5197, 71.8764



57.2175, 56.5197, 99.4807

Rectangle

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



65.7076, 56.5197, 52.2460



58.4224, 56.5197, 35.5531



43.2875, 56.5197, 71.8764



49.2775, 56.5197, 97.8425

Sweetspot

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



65.7091, 56.5224, 52.2471



84.8958, 84.9154, 89.4108



73.3484, 59.3628, 102.2000



17.8445, 17.6907, 18.5088



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.



65.7091, 56.5224, 52.2471



61.5488, 50.3959, 44.0960



72.6629, 71.2474, 52.0453



18.0572, 18.0062, 18.9181



21.6177, 11.1364, 1.3712



2.1208, 1.0907, 0.2175

Inverse Universe

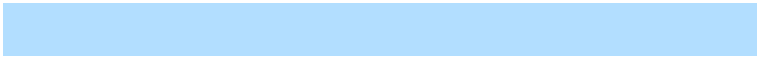
The Inverse Universe completely reimagines the original color for something new.



65.7091, 56.5224, 52.2471



61.5488, 50.3959, 44.0960



62.4363, 68.7352, 104.5842



18.0572, 18.0062, 18.9181



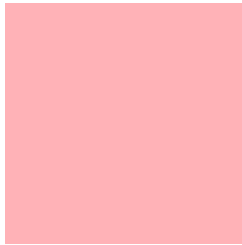
21.6177, 11.1364, 1.3712



2.1208, 1.0907, 0.2175

Previews

White Background



This preview shows how the XYZ color 65.7076, 56.5197, 52.2460 looks on a white background.

Color Contrast Check

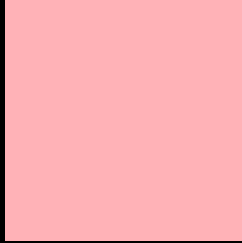
Large Text (above 18pt) WCAG AA × Fail

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 65.7076, 56.5197, 52.2460 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 65.7076, 56.5197, 52.2460

Background



This preview shows how black text looks on a background with the XYZ color 65.7076, 56.5197, 52.2460.



This preview shows how white text looks on a background with the XYZ color 65.7076, 56.5197,

52.2460.

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

65.7076, 56.5197, 52.2460

Protanopia

54.5603, 56.9797, 59.1615

Deuteranopia

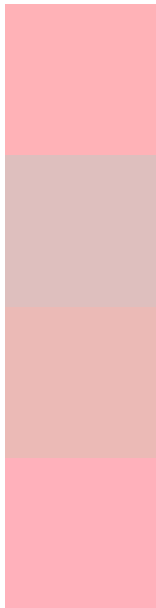
57.7118, 56.4451, 51.5693



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

65.7076, 56.5197, 52.2460

Protanomaly

58.0493, 56.5089, 56.5630

Deuteranomaly

60.2634, 56.1574, 51.9192

Tritanomaly

65.9318, 56.2921, 54.4042

Monochromacy



Original Color

65.7076, 56.5197, 52.2460

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.7391, 57.4522, 59.6233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7076, 56.5197, 52.2460 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, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 183)  
}
```

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, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 183) }
```

Border

The CSS property to change the border of an element to XYZ 65.7076, 56.5197, 52.2460 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, 178, 183) }
```


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

```
.border{ border-color:rgb(255, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7076, 56.5197, 52.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 183) }
```

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

```
.background{ background-color: rgb(255,  
178, 183) }
```

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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