

Converting Colors

XYZ(65.6094, 56.1981, 52.5990)

Have a look what the booklet for
XYZ(65.6094, 56.1981, 52.5990)
contains.

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Color

**XYZ(65.6139, 56.1650,
52.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B8
RGB	255, 177, 184
RGB Percent	100%, 69%, 72%
CMY	0.0000, 0.3059, 0.2784
CMYK	0.00, 0.31, 0.28, 0.00
HSL	355°, 100%, 85%
HSV	355°, 31%, 100%
XYZ	65.6139, 56.1650, 52.7301
YIQ	201.1200, 44.2410, 18.7130

Conversions

Conversions Part 2

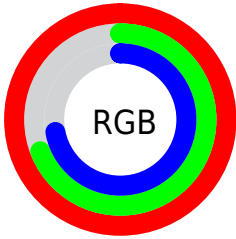
Format	Color
R _Y B	255, 177, 184
Decimal	16757176
CIE Lab	79.71, 29.37, 7.95
CIE LCh	80, 30.424, 15.156
Yxy	56.1650, 0.3760, 0.3218
Android (android.graphics.Color)	4294947256 (0xFFFFB1B8)
YUV	201.1200, -8.4402, 47.2528
Hunter-Lab	74.9433, 25.1284, 10.7439

Details

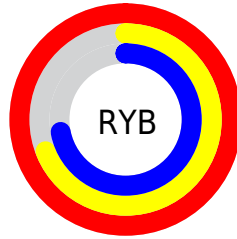
The XYZ color **65.6139, 56.1650, 52.7301** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8370, 87.6455, 101.9950**, and the grayscale version is **55.6245, 58.5213, 63.7297**.

A 20% lighter version of the original color is **86.1071, 85.8291, 94.4664**, and **34.3303, 27.9243, 25.0533** is the 20% darker color. If you saturate the color by 10%, you get **58.8027, 46.1223, 39.4236**, and if you desaturate by 10%, it is **73.7683, 68.2546, 68.4554**.

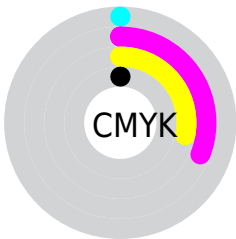
Distribution



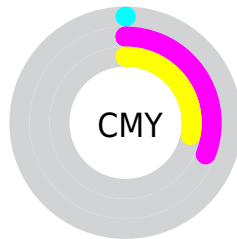
- Red (100%)
- Green (69%)
- Blue (72%)



- Red (100%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6139, 56.1650, 52.7301 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 65.6139, 56.1650, 52.7301 by changing the saturation by 10% instead.


 65.6139, 56.1650,
52.7301

 65.6139, 56.1650,
52.7301

434.5052,
410.3130, 414.2856

 48.2256, 40.3352,
37.2011


 111.9928, 99.2458,
95.6446

 34.2176, 27.8000,
25.0662


141.7141,
127.2656, 123.8672

 23.2245, 18.1750,
15.9069


176.2771,
160.1175, 157.1581

 14.8809, 11.0757,
9.3047

216.0472,
198.1860, 195.9358

 8.8216, 6.1178,
4.8409

261.3897,
241.8554, 240.6189

 4.6812, 2.9168,
2.0971

312.6699,

 2.0943, 1.0885,

291.5101, 291.6258

0.6141

370.2533,
347.5345, 349.3752

■ 0.6861, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6139, 56.1650,
52.7301

■ 65.6139, 56.1650,
52.7301

■ 58.8027, 46.1223,
39.4236

■ 73.7683, 68.2546,
68.4554

■ 53.2584, 38.0061,
28.4127

■ 83.3282, 82.4876,
86.7078

■ 48.9038, 31.6950,
19.5681

■ 94.3572, 98.9635,
107.5930

■ 45.6513, 27.0509,
12.7465

■ 95.0500, 100.0000,
108.9000

■ 43.4010, 23.9158,
7.7873

■ 42.0351, 22.1009,
4.5051

■ 41.3933, 21.3213,
2.7375

Harmonies

Analogous

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



65.6330, 56.1650, 70.2356



65.6139, 56.1650, 52.7301



62.1526, 56.1650, 40.1696

Triad

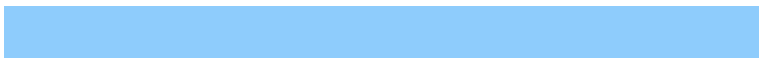
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6139, 56.1650, 52.7301



45.4392, 56.1650, 40.2681



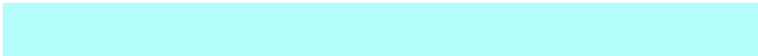
50.4141, 56.1650, 100.0238

Complementary

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



65.6139, 56.1650, 52.7301



70.8370, 87.6455, 101.9950

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.



45.4800, 56.1650, 88.4090



65.6139, 56.1650, 52.7301



42.7610, 56.1650, 52.8913

Square

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



65.6139, 56.1650, 52.7301



50.3544, 56.1650, 33.9709



42.7754, 56.1650, 70.4307



56.5310, 56.1650, 99.9577

Rectangle

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



65.6139, 56.1650, 52.7301



58.5008, 56.1650, 35.3084



42.7754, 56.1650, 70.4307



48.5730, 56.1650, 97.2709

Sweetspot

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



65.6153, 56.1676, 52.7312



84.9775, 84.9481, 89.8413



72.2020, 58.4775, 102.0896



17.8645, 17.6987, 18.6138



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.



65.6153, 56.1676, 52.7312



61.0957, 49.4963, 43.9248



71.7821, 69.6458, 51.2580



18.0755, 18.0135, 19.0148



21.6512, 11.1498, 1.5475



2.1295, 1.0942, 0.2631

Inverse Universe

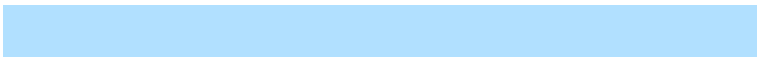
The Inverse Universe completely reimagines the original color for something new.



65.6153, 56.1676, 52.7312



61.0957, 49.4963, 43.9248



62.7856, 69.7731, 104.7662



18.0755, 18.0135, 19.0148



21.6512, 11.1498, 1.5475



2.1295, 1.0942, 0.2631

Previews

White Background



This preview shows how the XYZ color 65.6139, 56.1650, 52.7301 looks on a white background.

Color Contrast Check

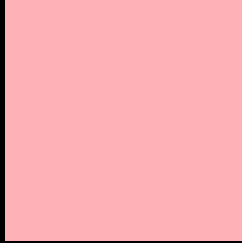
Large Text (above 18pt) WCAG AA × Fail

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 65.6139, 56.1650, 52.7301 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 65.6139, 56.1650, 52.7301

Background



This preview shows how black text looks on a background with the XYZ color 65.6139, 56.1650, 52.7301.



This preview shows how white text looks on a background with the XYZ color 65.6139, 56.1650,

52.7301.

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

65.6139, 56.1650, 52.7301

Protanopia

54.1737, 56.4292, 59.6664

Deuteranopia

57.4027, 56.2858, 51.5549



Tritanopia

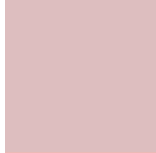
66.0596, 56.0284, 56.0480

Trichromacy



Original Color

65.6139, 56.1650, 52.7301



Protanomaly

57.6362, 55.9607, 57.0539



Deuteranomaly

60.2634, 56.1574, 51.9192



Tritanomaly

65.8424, 55.9415, 54.9045

Monochromacy



Original Color

65.6139, 56.1650, 52.7301



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

58.5188, 57.0116, 59.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6139, 56.1650, 52.7301 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, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 184)  
}
```

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, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 65.6139, 56.1650, 52.7301 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, 177, 184) }
```


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

```
.border{ border-color:rgb(255, 177, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6139, 56.1650, 52.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 184) }
```

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

```
.background{ background-color: rgb(255,  
177, 184) }
```

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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