

Converting Colors

XYZ(56.5047, 34.5732, 60.0936)

Have a look what the booklet for
XYZ(56.5047, 34.5732, 60.0936)
contains.

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Color

**XYZ(56.4813, 34.4955,
60.1813)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF63CB |
| RGB | 255, 99, 203 |
| RGB Percent | 100%, 39%, 80% |
| CMY | 0.0000, 0.6117, 0.2039 |
| CMYK | 0.00, 0.61, 0.20, 0.00 |
| HSL | 320°, 100%, 69% |
| HSV | 320°, 61%, 100% |
| XYZ | 56.4813, 34.4955, 60.1813 |
| YIQ | 157.5000, 59.5920, 65.4160 |

Conversions

Conversions Part 2

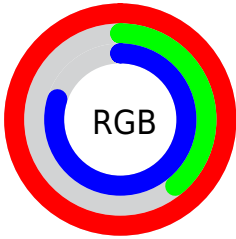
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 255, 99, 203 |
| Decimal | 16737227 |
| CIE _{Lab} | 65.35, 69.70, -23.87 |
| CIE _{LCh} | 65, 73.674, 341.097 |
| Yxy | 34.4955, 0.3737, 0.2282 |
| Android (android.graphics.Color) | 4294927307 (0xFFFF63CB) |
| YUV | 157.5000, 22.4315, 85.5075 |
| Hunter-Lab | 58.7329, 68.8745, -19.6392 |

Details

The XYZ color **56.4813, 34.4955, 60.1813** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.4931, 76.4078, 41.5793**, and the grayscale version is **32.1577, 33.8325, 36.8435**.

A 20% lighter version of the original color is **71.3470, 52.5939, 100.9990**, and **28.4743, 14.8597, 29.8012** is the 20% darker color. If you saturate the color by 10%, you get **53.4500, 30.0098, 54.3093**, and if you desaturate by 10%, it is **60.3323, 40.5314, 66.6013**.

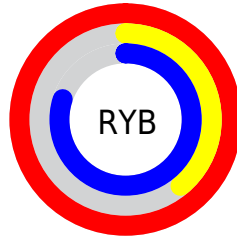
Distribution



Red (100%)

Green (39%)

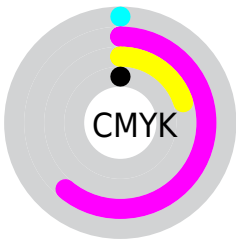
Blue (80%)



Red (100%)

Yellow (39%)

Blue (80%)

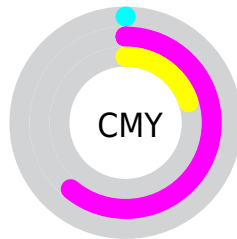


Cyan (0%)

Magenta (61%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (61%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4813, 34.4955, 60.1813 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 56.4813, 34.4955, 60.1813 by changing the saturation by 10% instead.


 56.4813, 34.4955,
60.1813


 56.4813, 34.4955,
60.1813

401.5485,
322.3359, 443.0889


 40.8275, 23.2745,
43.1385


 98.8437, 66.7035,
106.6386


 28.3714, 14.7963,
29.6616


 126.2829, 88.4593,
136.8901

 18.7477, 8.6766,
19.3320


 158.3813,
114.4954, 172.3817

 11.5910, 4.5308,
11.7312

 195.5043,
145.1964, 213.5319

 6.5360, 1.9747,
6.4406

238.0171,
180.9465, 260.7591

 3.2174, 0.5927,
3.0417

286.2852,

 1.2698, 0.0000,

222.1302, 314.4820

1.1160

340.6739,
269.1318, 375.1191

■ 0.1604, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4813, 34.4955,
60.1813

■ 56.4813, 34.4955,
60.1813

■ 53.4500, 30.0098,
54.3093

■ 60.3323, 40.5314,
66.6013

■ 51.1602, 26.9198,
48.9539


■ 65.0662, 48.2428,
73.5935

■ 49.5224, 25.0477,
44.0810

■ 70.7425, 57.7476,
81.1823

■ 48.4953, 24.1621,
40.1361

■ 77.4150, 69.1518,
89.3898

 85.1331, 82.5530,
98.2362

 93.9429, 98.0421,
107.7410

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.3334, 34.4955, 102.1443



56.4813, 34.4955, 60.1813



57.5342, 34.4955, 27.2814

Triad

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



56.4813, 34.4955, 60.1813



28.9682, 34.4955, 4.2738



19.5491, 34.4955, 91.4412

Complementary

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



56.4813, 34.4955, 60.1813



46.4931, 76.4078, 41.5793

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.



16.4015, 34.4955, 50.1411



56.4813, 34.4955, 60.1813



20.9925, 34.4955, 8.2835

Square

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



56.4813, 34.4955, 60.1813



39.9479, 34.4955, 4.7824



16.8647, 34.4955, 21.4635



26.5373, 34.4955, 125.9839

Rectangle

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



56.4813, 34.4955, 60.1813



53.8571, 34.4955, 14.5346



16.8647, 34.4955, 21.4635



18.0839, 34.4955, 77.1698

Sweetspot

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



56.4822, 34.4971, 60.1819



79.7485, 73.1834, 92.1267



35.2762, 22.7252, 97.1349



16.6106, 14.8713, 19.1812



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.



56.4822, 34.4971, 60.1819



52.9787, 29.3457, 53.2933



49.4048, 31.6662, 22.9127



18.5201, 18.1914, 21.3562



25.4120, 12.6541, 21.3521



2.5250, 1.2524, 2.3463

Inverse Universe

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



56.4822, 34.4971, 60.1819



52.9787, 29.3457, 53.2933



55.0496, 79.8304, 86.6372



18.5201, 18.1914, 21.3562



25.4120, 12.6541, 21.3521



2.5250, 1.2524, 2.3463

Previews

White Background



This preview shows how the XYZ color 56.4813, 34.4955, 60.1813 looks on a white background.

Color Contrast Check

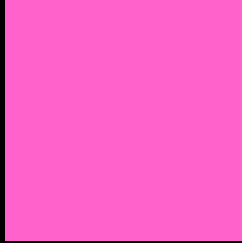
Large Text (above 18pt) WCAG AA × Fail

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 56.4813, 34.4955, 60.1813 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 56.4813, 34.4955, 60.1813

Background



This preview shows how black text looks on a background with the XYZ color 56.4813, 34.4955, 60.1813.

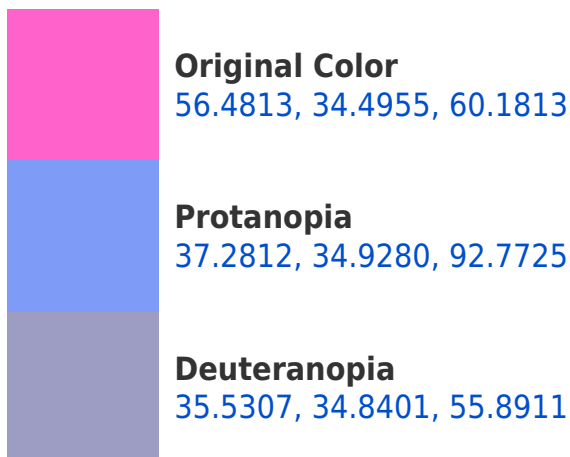


This preview shows how white text looks on a background with the XYZ color 56.4813, 34.4955,

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





Tritanopia

48.9557, 34.4197, 23.8021

Trichromacy



Original Color

56.4813, 34.4955, 60.1813



Protanomaly

40.3214, 31.9817, 79.6492



Deuteranomaly

40.7343, 32.6966, 56.9875



Tritanomaly

51.3008, 34.2112, 34.4714

Monochromacy



Original Color

56.4813, 34.4955, 60.1813



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.5780, 32.2848, 44.2427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4813, 34.4955, 60.1813 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, 99, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 203)  
}
```

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, 99, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.4813, 34.4955, 60.1813 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, 99, 203) }
```


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

```
.border{ border-color:rgb(255, 99, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4813, 34.4955, 60.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 203) }
```

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

```
.background{ background-color: rgb(255, 99,  
203) }
```

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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