

Converting Colors

XYZ(78.9727, 47.8536, 54.7332)

Have a look what the booklet for
XYZ(78.9727, 47.8536, 54.7332)
contains.

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Color

**XYZ(56.3304, 36.2176,
53.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EC0
RGB	255, 110, 192
RGB Percent	100%, 43%, 75%
CMY	0.0000, 0.5686, 0.2471
CMYK	0.00, 0.57, 0.25, 0.00
HSL	326°, 100%, 72%
HSV	326°, 57%, 100%
XYZ	56.3304, 36.2176, 53.8909
YIQ	162.7030, 60.0980, 56.2420

Conversions

Conversions Part 2

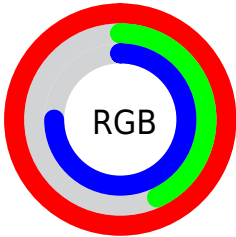
Format	Color
R _Y B	255, 110, 192
Decimal	16740032
CIE Lab	66.69, 63.58, -15.64
CIE LCh	67, 65.480, 346.180
Yxy	36.2176, 0.3847, 0.2473
Android (android.graphics.Color)	4294930112 (0xFFFF6EC0)
YUV	162.7030, 14.4434, 80.9445
Hunter-Lab	60.1811, 61.7619, -10.9662

Details

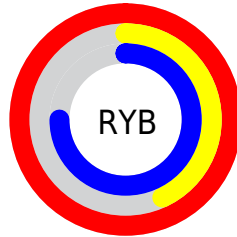
The XYZ color **56.3304, 36.2176, 53.8909** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.7348, 77.8529, 51.9445**, and the grayscale version is **34.5883, 36.3896, 39.6283**.

A 20% lighter version of the original color is **72.0020, 55.6747, 95.7583**, and **28.2769, 15.8047, 25.6050** is the 20% darker color. If you saturate the color by 10%, you get **52.7822, 31.0127, 46.8776**, and if you desaturate by 10%, it is **60.7640, 43.0456, 61.6562**.

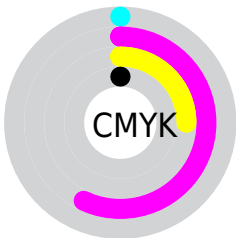
Distribution



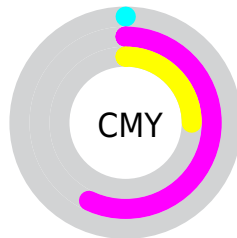
- Red (100%)
- Green (43%)
- Blue (75%)



- Red (100%)
- Yellow (43%)
- Blue (75%)



- Cyan (0%)
- Magenta (57%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3304, 36.2176, 53.8909 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 56.3304, 36.2176, 53.8909 by changing the saturation by 10% instead.


 56.3304, 36.2176,
53.8909

 56.3304, 36.2176,
53.8909

400.9903,
329.9106, 418.8567


 40.7059, 24.6023,
38.1219


 98.6245, 69.3678,
97.3688

 28.2760, 15.7810,
25.7747


 126.0248, 91.6715,
125.9148

 18.6754, 9.3693,
16.4309


 158.0812,
118.3067, 159.5568

 11.5385, 4.9829,
9.6720

195.1589,
149.6580, 198.7134

 6.5002, 2.2372,
5.0793

237.6233,
186.1096, 243.8032

 3.1951, 0.7402,
2.2343

285.8398,

 1.2578, 0.0000,

228.0460, 295.2446

0.6940

340.1737,
275.8515, 353.4563

■ 0.1513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3304, 36.2176,
53.8909

■ 56.3304, 36.2176,
53.8909

■ 52.7822, 31.0127,
46.8776

■ 60.7640, 43.0456,
61.6562

■ 50.0450, 27.2850,
40.5803

■ 66.1443, 51.6156,
70.2023

■ 48.0354, 24.8710,
34.9612

■ 72.5294, 62.0414,
79.5584

■ 46.6470, 23.5619,
29.9743

■ 79.9722, 74.4255,
89.7512

■ 46.2895, 23.2798,
28.5204

■ 88.5216, 88.8628,
100.8059

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.



50.0084, 36.2176, 90.2922



56.3304, 36.2176, 53.8909



56.0500, 36.2176, 26.1483

Triad

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



56.3304, 36.2176, 53.8909



29.4027, 36.2176, 6.8840



22.8869, 36.2176, 93.0695

Complementary

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



56.3304, 36.2176, 53.8909



49.7348, 77.8529, 51.9445

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.



19.2279, 36.2176, 56.5973



56.3304, 36.2176, 53.8909



22.4686, 36.2176, 12.5080

Square

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



56.3304, 36.2176, 53.8909



39.1578, 36.2176, 6.7046



19.0911, 36.2176, 27.8269



30.0875, 36.2176, 119.2334

Rectangle

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



56.3304, 36.2176, 53.8909



52.1218, 36.2176, 15.2689



19.0911, 36.2176, 27.8269



21.2679, 36.2176, 80.9959

Sweetspot

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



56.3312, 36.2193, 53.8916



79.8603, 74.2379, 89.6024



40.8244, 27.2392, 97.7138



16.7553, 15.3240, 18.7262



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.



56.3312, 36.2193, 53.8916



52.4306, 30.5158, 46.1241



50.1871, 33.7616, 21.5371



18.4397, 18.1592, 20.9326



24.2636, 12.1948, 15.3047



2.4173, 1.2093, 1.7791

Inverse Universe

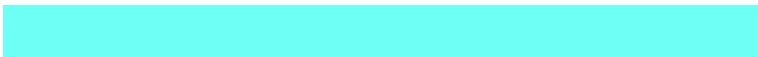
The Inverse Universe completely reimagines the original color for something new.



56.3312, 36.2193, 53.8916



52.4306, 30.5158, 46.1241



58.7238, 81.4485, 99.2797



18.4397, 18.1592, 20.9326



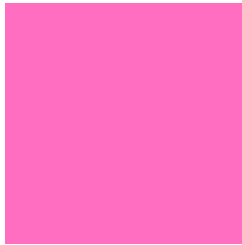
24.2636, 12.1948, 15.3047



2.4173, 1.2093, 1.7791

Previews

White Background



This preview shows how the XYZ color 56.3304, 36.2176, 53.8909 looks on a white background.

Color Contrast Check

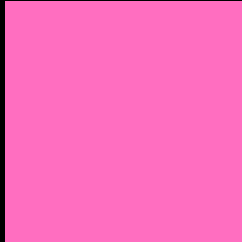
Large Text (above 18pt) WCAG AA × Fail

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 56.3304, 36.2176, 53.8909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

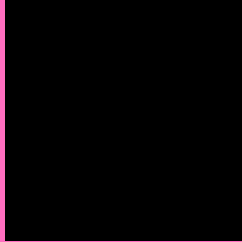
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3304, 36.2176, 53.8909

Background



This preview shows how black text looks on a background with the XYZ color 56.3304, 36.2176, 53.8909.



This preview shows how white text looks on a background with the XYZ color 56.3304, 36.2176,

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

56.3304, 36.2176, 53.8909

Protanopia

37.7297, 36.4938, 78.4542

Deuteranopia

37.0270, 36.2392, 50.3907



Tritanopia

50.6722, 36.1559, 26.1379

Trichromacy



Original Color

56.3304, 36.2176, 53.8909



Protanomaly

41.4672, 34.3196, 68.7288



Deuteranomaly

42.3139, 34.9170, 51.5232



Tritanomaly

52.4561, 35.9854, 34.7530

Monochromacy



Original Color

56.3304, 36.2176, 53.8909



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

40.3782, 34.7383, 44.6214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3304, 36.2176, 53.8909 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, 110, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 192)  
}
```

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, 110, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 192) }
```

Border

The CSS property to change the border of an element to XYZ 56.3304, 36.2176, 53.8909 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, 110, 192) }
```


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

```
.border{ border-color:rgb(255, 110, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3304, 36.2176, 53.8909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 192) }
```

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

```
.background{ background-color: rgb(255,  
110, 192) }
```

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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