

Converting Colors

XYZ(53.8116, 33.6928, 66.0819)

Have a look what the booklet for
XYZ(53.8116, 33.6928, 66.0819)
contains.

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Color

**XYZ(53.7961, 33.7088,
65.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	F368D4
RGB	243, 104, 212
RGB Percent	95%, 41%, 83%
CMY	0.0471, 0.5921, 0.1686
CMYK	0.00, 0.57, 0.13, 0.05
HSL	313°, 85%, 68%
HSV	313°, 57%, 95%
XYZ	53.7961, 33.7088, 65.9584
YIQ	157.8730, 48.1760, 63.0560

Conversions

Conversions Part 2

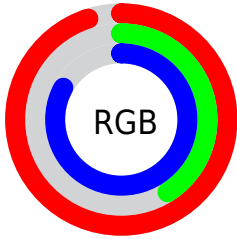
Format	Color
R _Y B	243, 104, 212
Decimal	15952084
CIE Lab	64.73, 65.62, -30.03
CIE LCh	65, 72.164, 335.405
Yxy	33.7088, 0.3505, 0.2197
Android (android.graphics.Color)	4294142164 (0xFFFF368D4)
YUV	157.8730, 26.6846, 74.6564
Hunter-Lab	58.0593, 63.7894, -26.7151

Details

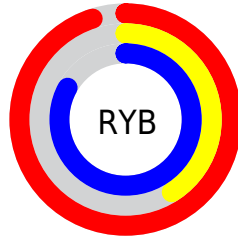
The XYZ color **53.7961, 33.7088, 65.9584** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **42.1343, 68.7946, 33.9824**, and the grayscale version is **32.3109, 33.9936, 37.0190**.

A 20% lighter version of the original color is **72.0349, 53.9697, 101.2283**, and **26.7168, 14.3524, 33.2604** is the 20% darker color. If you saturate the color by 10%, you get **51.0210, 29.2339, 61.7168**, and if you desaturate by 10%, it is **57.3009, 39.6051, 70.5571**.

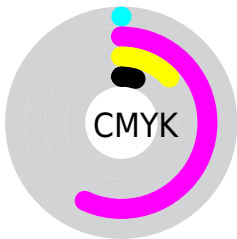
Distribution



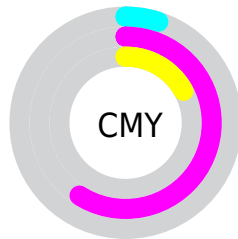
- Red (95%)
- Green (41%)
- Blue (83%)



- Red (95%)
- Yellow (41%)
- Blue (83%)



- Cyan (0%)
- Magenta (57%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7961, 33.7088, 65.9584 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 53.7961, 33.7088, 65.9584 by changing the saturation by 10% instead.

 53.7961, 33.7088,
65.9584


 53.7961, 33.7088,
65.9584

391.5431,
318.8316, 464.6282


 38.6687, 22.6700,
47.7824

 94.9334, 65.4806,
115.0531


 26.6817, 14.3500,
33.2958


 121.6741, 86.9823,
146.8088

 17.4696, 8.3645,
22.0802


 153.0165,
112.7405, 183.9281

 10.6673, 4.3291,
13.7169

 189.3261,
143.1395, 226.8296

 5.9092, 1.8593,
7.7876

230.9682,
178.5637, 275.9318

 2.8301, 0.5237,
3.8735

278.3082,

 1.0646, 0.0000,

219.3975, 331.6533

1.5562

331.7113,
266.0254, 394.4126

■ 0.0000, 0.0000,
0.2593

■ 0.0000, 0.0000,
0.0000

■ 53.7961, 33.7088,
65.9584

■ 53.7961, 33.7088,
65.9584

■ 51.0210, 29.2339,
61.7168

■ 57.3009, 39.6051,
70.5571

■ 48.9096, 26.0507,
57.8082


■ 61.5872, 47.0281,
75.5303


■ 47.3896, 24.0142,
54.2078


■ 66.7060, 56.0785,
80.8964


■ 46.3658, 22.9344,
50.8827


■ 72.7028, 66.8471,
86.6716

 46.1264, 22.7204,
49.9867

 79.6197, 79.4180,
92.8710

 87.4964, 93.8698,
99.5088

 89.9681, 97.4731,
104.4645

 90.7724, 97.7948,
108.6998

Harmonies

Analogous

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



45.0304, 33.7088, 105.6653



53.7961, 33.7088, 65.9584



56.2625, 33.7088, 31.5844

Triad

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



53.7961, 33.7088, 65.9584



30.1981, 33.7088, 4.1576



18.3838, 33.7088, 80.7048

Complementary

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



53.7961, 33.7088, 65.9584



42.1343, 68.7946, 33.9824

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.



16.0100, 33.7088, 42.3471



53.7961, 33.7088, 65.9584



21.8230, 33.7088, 7.0661

Square

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



53.7961, 33.7088, 65.9584



41.0720, 33.7088, 5.4207



17.1176, 33.7088, 17.7017



24.4385, 33.7088, 116.9250

Rectangle

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



53.7961, 33.7088, 65.9584



53.6281, 33.7088, 17.2558



17.1176, 33.7088, 17.7017



17.1961, 33.7088, 67.0450

Sweetspot

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



53.7972, 33.7104, 65.9591



81.2282, 74.7850, 96.8055



30.9799, 21.4516, 87.3024



17.0797, 15.4538, 20.4342



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.



53.7972, 33.7104, 65.9591



56.4029, 31.8045, 67.9674



46.9009, 30.9519, 29.6436



17.0462, 16.7013, 19.9897



25.3687, 12.4909, 27.7135



2.2676, 1.1130, 2.6358

Inverse Universe

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



53.7972, 33.7104, 65.9591



56.4029, 31.8045, 67.9674



48.6141, 71.3865, 68.1044



17.0462, 16.7013, 19.9897



25.3687, 12.4909, 27.7135



2.2676, 1.1130, 2.6358

Previews

White Background



This preview shows how the XYZ color 53.7961, 33.7088, 65.9584 looks on a white background.

Color Contrast Check

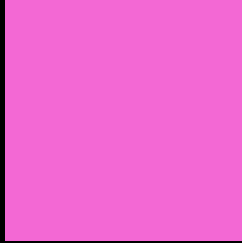
Large Text (above 18pt) WCAG AA × Fail

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 53.7961, 33.7088, 65.9584 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 53.7961, 33.7088, 65.9584

Background



This preview shows how black text looks on a background with the XYZ color 53.7961, 33.7088, 65.9584.

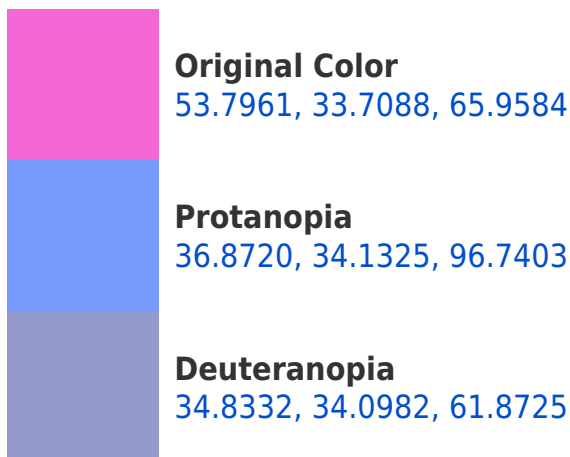


This preview shows how white text looks on a background with the XYZ color 53.7961, 33.7088,

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

45.6335, 33.7434, 25.9378

Trichromacy



Original Color

53.7961, 33.7088, 65.9584



Protanomaly

39.6073, 31.7221, 84.1562



Deuteranomaly

39.5951, 32.1806, 63.1561



Tritanomaly

48.0542, 33.4729, 37.6464

Monochromacy



Original Color

53.7961, 33.7088, 65.9584



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.1106, 32.2101, 46.3280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7961, 33.7088, 65.9584 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(243, 104, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 104, 212)  
}
```

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(243, 104, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 104, 212) }
```

Border

The CSS property to change the border of an element to XYZ 53.7961, 33.7088, 65.9584 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(243, 104, 212) }
```


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

```
.border{ border-color:rgb(243, 104, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 104, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 104, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 104, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 104,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7961, 33.7088, 65.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 104, 212) }
```

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

```
.background{ background-color: rgb(243,  
104, 212) }
```

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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