

Converting Colors

XYZ(53.2284, 34.4475, 44.4485)

Have a look what the booklet for
XYZ(53.2284, 34.4475, 44.4485)
contains.

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Color

**XYZ(53.2453, 34.5157,
44.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6CAF
RGB	252, 108, 175
RGB Percent	99%, 42%, 69%
CMY	0.0118, 0.5764, 0.3137
CMYK	0.00, 0.57, 0.31, 0.01
HSL	332°, 96%, 71%
HSV	332°, 57%, 99%
XYZ	53.2453, 34.5157, 44.4133
YIQ	158.6940, 64.3170, 51.3650

Conversions

Conversions Part 2

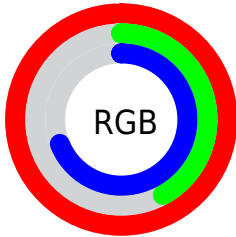
Format	Color
R _Y B	252, 108, 175
Decimal	16542895
CIE Lab	65.37, 61.45, -8.03
CIE LCh	65, 61.968, 352.553
Yxy	34.5157, 0.4028, 0.2611
Android (android.graphics.Color)	4294732975 (0xFFFC6CAF)
YUV	158.6940, 8.0389, 81.8294
Hunter-Lab	58.7501, 58.9623, -3.6964

Details

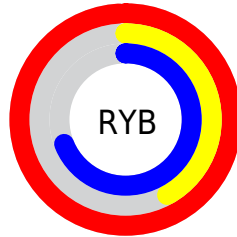
The XYZ color **53.2453, 34.5157, 44.4133** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.7535, 76.3127, 58.0106**, and the grayscale version is **32.7602, 34.4663, 37.5338**.

A 20% lighter version of the original color is **68.9781, 53.8834, 81.6279**, and **26.4117, 14.8332, 20.2099** is the 20% darker color. If you saturate the color by 10%, you get **49.7030, 29.4444, 37.0252**, and if you desaturate by 10%, it is **57.6895, 41.1790, 52.7544**.

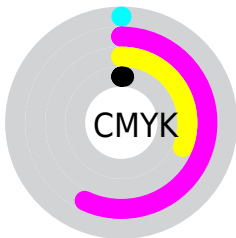
Distribution



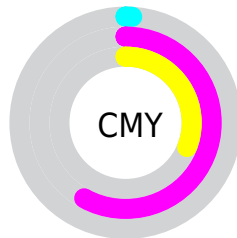
- Red (99%)
- Green (42%)
- Blue (69%)



- Red (99%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (1%)




- Cyan (1%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2453, 34.5157, 44.4133 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 53.2453, 34.5157, 44.4133 by changing the saturation by 10% instead.


 53.2453, 34.5157,
44.4133

 53.2453, 34.5157,
44.4133

389.4710,
322.4255, 380.4828


 38.2269, 23.2901,
30.6560


 94.1286, 66.7348,
83.1484

 26.3368, 14.8078,
20.0808


 120.7243, 88.4971,
108.9633

 17.2098, 8.6846,
12.2691


 151.9097,
114.5404, 139.6344

 10.4804, 4.5361,
6.8025

 188.0502,
145.2490, 175.5803

 5.7833, 1.9777,
3.2623

229.5113,
181.0075, 217.2196

 2.7532, 0.5945,
1.2301

276.6582,

 1.0246, 0.0000,

222.2001, 264.9707

0.0034

329.8563,
269.2113, 319.2523

■ 0.0000, 0.0000,
0.0000

■ 53.2453, 34.5157,
44.4133

■ 53.2453, 34.5157,
44.4133

■ 49.7030, 29.4444,
37.0252

■ 57.6895, 41.1790,
52.7544

■ 46.9875, 25.8219,
30.5451

■ 63.0965, 49.5506,
62.0860

■ 45.0157, 23.4879,
24.9256

■ 69.5249, 59.7422,
72.4455

■ 43.6804, 22.2348,
20.1102

■ 77.0277, 71.8540,
83.8674

■ 43.3702, 21.9856,
18.8626

■ 85.6541, 85.9793,
96.3843

93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



48.6383, 34.5157, 76.7224



53.2453, 34.5157, 44.4133



51.6281, 34.5157, 21.5348

Triad

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



53.2453, 34.5157, 44.4133



26.5787, 34.5157, 7.8001



23.3283, 34.5157, 92.6039

Complementary

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



53.2453, 34.5157, 44.4133



49.7535, 76.3127, 58.0106

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.



19.2250, 34.5157, 60.1000



53.2453, 34.5157, 44.4133



20.8469, 34.5157, 14.7059

Square

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



53.2453, 34.5157, 44.4133



35.1120, 34.5157, 6.6717



18.4083, 34.5157, 31.4893



30.6035, 34.5157, 111.7467

Rectangle

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



53.2453, 34.5157, 44.4133



47.3553, 34.5157, 12.9619



18.4083, 34.5157, 31.4893



21.5914, 34.5157, 82.3216

Sweetspot

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



53.2463, 34.5175, 44.4139



79.2358, 73.9881, 86.3139



42.8944, 28.0450, 95.2481



16.6079, 15.2651, 17.9501



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.



53.2463, 34.5175, 44.4139



50.4648, 29.4293, 36.6978



48.7359, 33.5458, 18.0959



17.5806, 17.3596, 19.6474



22.6648, 11.4816, 10.2093



2.1521, 1.0846, 1.2245

Inverse Universe

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



53.2463, 34.5175, 44.4139



50.4648, 29.4293, 36.6978



57.0781, 76.8611, 103.9230



17.5806, 17.3596, 19.6474



22.6648, 11.4816, 10.2093



2.1521, 1.0846, 1.2245

Previews

White Background



This preview shows how the XYZ color 53.2453, 34.5157, 44.4133 looks on a white background.

Color Contrast Check

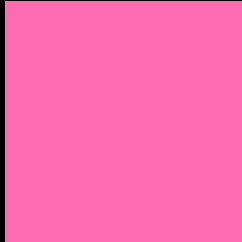
Large Text (above 18pt) WCAG AA × Fail

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 53.2453, 34.5157, 44.4133 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 53.2453, 34.5157, 44.4133

Background



This preview shows how black text looks on a background with the XYZ color 53.2453, 34.5157, 44.4133.



This preview shows how white text looks on a background with the XYZ color 53.2453, 34.5157,

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

53.2453, 34.5157, 44.4133

Protanopia

35.2962, 34.7790, 64.5272

Deuteranopia

35.4181, 34.5963, 41.8568



Tritanopia

48.9557, 34.4197, 23.8021

Trichromacy



Original Color

53.2453, 34.5157, 44.4133



Protanomaly

39.2040, 32.7650, 56.4826



Deuteranomaly

40.1158, 33.1110, 42.8048



Tritanomaly

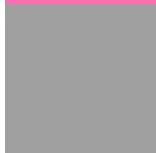
50.1183, 34.1880, 30.3430

Monochromacy



Original Color

53.2453, 34.5157, 44.4133



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.1619, 32.8102, 39.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2453, 34.5157, 44.4133 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(252, 108, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 108, 175)  
}
```

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(252, 108, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 108, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.2453, 34.5157, 44.4133 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(252, 108, 175) }
```


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

```
.border{ border-color:rgb(252, 108, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 108, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 108, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 108, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 108,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2453, 34.5157, 44.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 108, 175) }
```

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

```
.background{ background-color: rgb(252,  
108, 175) }
```

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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