

Converting Colors

XYZ(53.7556, 33.8684, 44.3994)

Have a look what the booklet for
XYZ(53.7556, 33.8684, 44.3994)
contains.

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Color

**XYZ(53.7292, 33.8579,
44.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66AF
RGB	255, 102, 175
RGB Percent	100%, 40%, 69%
CMY	0.0000, 0.6000, 0.3137
CMYK	0.00, 0.60, 0.31, 0.00
HSL	331°, 100%, 70%
HSV	331°, 60%, 100%
XYZ	53.7292, 33.8579, 44.2608
YIQ	156.0690, 67.7550, 55.1390

Conversions

Conversions Part 2

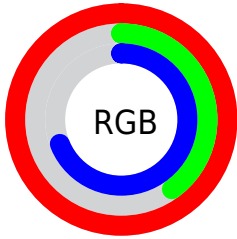
Format	Color
R_{YB}	255, 102, 175
Decimal	16737967
CIE _{Lab}	64.85, 64.93, -8.76
CIE _{LCh}	65, 65.521, 352.317
Yxy	33.8579, 0.4075, 0.2568
Android (android.graphics.Color)	4294928047 (0xFFFF66AF)
YUV	156.0690, 9.3330, 86.7625
Hunter-Lab	58.1875, 62.9951, -4.3681

Details

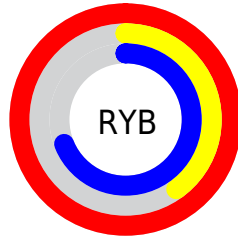
The XYZ color **53.7292, 33.8579, 44.2608** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.6848, 77.7230, 56.6438**, and the grayscale version is **31.5706, 33.2148, 36.1709**.

A 20% lighter version of the original color is **68.0619, 51.8258, 82.0174**, and **26.5821, 14.4170, 20.1206** is the 20% darker color. If you saturate the color by 10%, you get **50.3516, 29.0961, 36.9895**, and if you desaturate by 10%, it is **58.0085, 40.2158, 52.4713**.

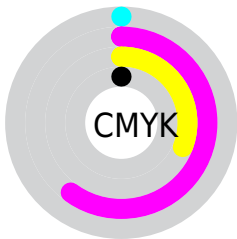
Distribution



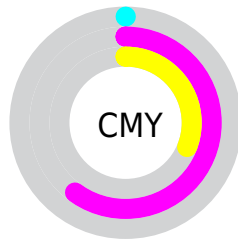
- Red (100%)
- Green (40%)
- Blue (69%)



- Red (100%)
- Yellow (40%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7292, 33.8579, 44.2608 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 53.7292, 33.8579, 44.2608 by changing the saturation by 10% instead.


 53.7292, 33.8579,
44.2608

 53.7292, 33.8579,
44.2608

391.2917,
319.4980, 379.8439


 38.6150, 22.7845,
30.5369


 94.8357, 65.7126,
82.9167


 26.6397, 14.4344,
19.9910


 121.5588, 87.2627,
108.6858

 17.4380, 8.4234,
12.2045


 152.8822,
113.0738, 139.3070

 10.6445, 4.3671,
6.7589

 189.1713,
143.5303, 175.1988

 5.8939, 1.8809,
3.2356

230.7915,
179.0165, 216.7799

 2.8207, 0.5369,
1.2162

278.1080,

 1.0597, 0.0000,

219.9170, 264.4688

0.0000

331.4863,
266.6160, 318.6839

■ 0.0000, 0.0000,
0.0000

■ 53.7292, 33.8579,
44.2608

■ 53.7292, 33.8579,
44.2608

■ 50.3516, 29.0961,
36.9895

■ 58.0085, 40.2158,
52.4713

■ 47.7959, 25.7771,
30.6115

■ 63.2541, 48.2939,
61.6594

■ 45.9717, 23.7264,
25.0778

■ 69.5279, 58.2101,
71.8629

■ 44.7322, 22.6570,
20.3192

■ 76.8853, 70.0701,
83.1166

■ 44.7318, 22.6567,
20.3176

■ 85.3779, 83.9716,
95.4535

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.



48.7895, 33.8579, 78.6475



53.7292, 33.8579, 44.2608



52.0625, 33.8579, 20.4390

Triad

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



53.7292, 33.8579, 44.2608



25.7686, 33.8579, 6.6553



22.3116, 33.8579, 95.2077

Complementary

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



53.7292, 33.8579, 44.2608



49.6848, 77.7230, 56.6438

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.



18.1405, 33.8579, 60.3389



53.7292, 33.8579, 44.2608



19.8472, 33.8579, 13.3443

Square

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



53.7292, 33.8579, 44.2608



34.6690, 33.8579, 5.6195



17.3360, 33.8579, 30.3436



29.8148, 33.8579, 116.1067

Rectangle

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



53.7292, 33.8579, 44.2608



47.5549, 33.8579, 11.7745



17.3360, 33.8579, 30.3436



20.5388, 33.8579, 84.1061

Sweetspot

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



53.7302, 33.8596, 44.2614



78.4886, 72.6795, 85.4922



41.8710, 26.5548, 97.5265



16.3029, 14.7482, 17.5608



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.



53.7302, 33.8596, 44.2614



49.7764, 28.3206, 35.6416



48.6454, 32.2330, 16.2303



18.3703, 18.1314, 20.5670



23.4477, 11.8684, 11.0080



2.3378, 1.1775, 1.3603

Inverse Universe

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



53.7302, 33.8596, 44.2614



49.7764, 28.3206, 35.6416



58.4824, 79.9492, 106.9571



18.3703, 18.1314, 20.5670



23.4477, 11.8684, 11.0080



2.3378, 1.1775, 1.3603

Previews

White Background



This preview shows how the XYZ color 53.7292, 33.8579, 44.2608 looks on a white background.

Color Contrast Check

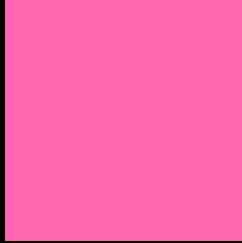
Large Text (above 18pt) WCAG AA × Fail

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 53.7292, 33.8579, 44.2608 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 53.7292, 33.8579, 44.2608

Background



This preview shows how black text looks on a background with the XYZ color 53.7292, 33.8579, 44.2608.



This preview shows how white text looks on a background with the XYZ color 53.7292, 33.8579,

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

53.7292, 33.8579, 44.2608

Protanopia

34.8017, 34.2309, 66.4010

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

49.3138, 33.9490, 22.3660

Trichromacy



Original Color

53.7292, 33.8579, 44.2608



Protanomaly

38.5256, 31.7528, 57.5245



Deuteranomaly

39.6002, 32.2318, 42.1644



Tritanomaly

50.5285, 33.7704, 29.0545

Monochromacy



Original Color

53.7292, 33.8579, 44.2608



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

37.1532, 31.4591, 38.7644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7292, 33.8579, 44.2608 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, 102, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 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(255, 102, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.7292, 33.8579, 44.2608 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, 102, 175) }
```


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

```
.border{ border-color:rgb(255, 102, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7292, 33.8579, 44.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 175) }
```

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

```
.background{ background-color: rgb(255,  
102, 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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