

Converting Colors

XYZ(68.6865, 39.2316, 44.0477)

Have a look what the booklet for
XYZ(68.6865, 39.2316, 44.0477)
contains.

XYZ(52.0503, 30.6566, 43.2184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0503, 30.6566,
43.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	FF54AE
RGB	255, 84, 174
RGB Percent	100%, 33%, 68%
CMY	0.0000, 0.6705, 0.3176
CMYK	0.00, 0.67, 0.32, 0.00
HSL	328°, 100%, 66%
HSV	328°, 67%, 100%
XYZ	52.0503, 30.6566, 43.2184
YIQ	145.3890, 73.0260, 64.2420

Conversions

Conversions Part 2

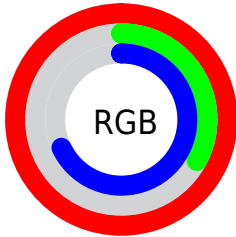
Format	Color
R _Y B	255, 84, 174
Decimal	16733358
CIE Lab	62.22, 71.93, -12.13
CIE LCh	62, 72.945, 350.431
Yxy	30.6566, 0.4133, 0.2435
Android (android.graphics.Color)	4294923438 (0xFFFF54AE)
YUV	145.3890, 14.1052, 96.1288
Hunter-Lab	55.3684, 70.9082, -7.5216

Details

The XYZ color **52.0503, 30.6566, 43.2184** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **46.2094, 76.1222, 47.8592**, and the grayscale version is **26.9970, 28.4029, 30.9308**.

A 20% lighter version of the original color is **65.3561, 46.8637, 79.7297**, and **25.7610, 12.8745, 19.5396** is the 20% darker color. If you saturate the color by 10%, you get **49.2935, 26.9436, 36.7482**, and if you desaturate by 10%, it is **55.6346, 35.8549, 50.4875**.

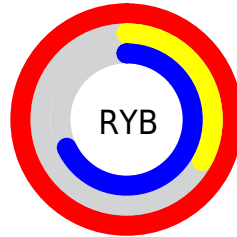
Distribution



Red (100%)

Green (33%)

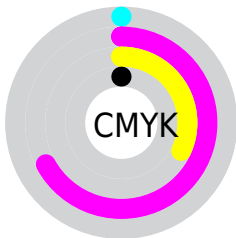
Blue (68%)



Red (100%)

Yellow (33%)

Blue (68%)

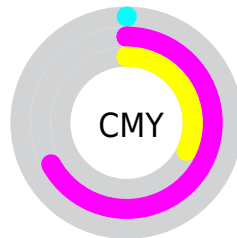


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0503, 30.6566, 43.2184 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 52.0503, 30.6566, 43.2184 by changing the saturation by 10% instead.


 52.0503, 30.6566,
43.2184


 52.0503, 30.6566,
43.2184

384.9515,
304.9531, 375.4567


 37.2696, 20.3375,
29.7238

 92.3792, 60.6990,
81.3302


 25.5909, 12.6406,
19.3788


 118.6581, 81.1911,
106.7846

 16.6489, 7.1815,
11.7647


 149.5005,
105.8430, 137.0626

 10.0783, 3.5759,
6.4631

 185.2717,
135.0391, 172.5828

 5.5135, 1.4393,
3.0554

226.3370,
169.1637, 213.7638

 2.5894, 0.2454,
1.1230

273.0619,

 0.9406, 0.0000,

208.6014, 261.0241

0.0000

325.8116,
253.7364, 314.7822

■ 0.0000, 0.0000,
0.0000

■ 52.0503, 30.6566,
43.2184

■ 52.0503, 30.6566,
43.2184

■ 49.2935, 26.9436,
36.7482

■ 55.6346, 35.8549,
50.4875

■ 47.2764, 24.5452,
31.0333

■ 60.1168, 42.6753,
58.5914

■ 45.8917, 23.2511,
26.0237

■ 65.5621, 51.2438,
67.5647

■ 45.5574, 22.9869,
24.6649

■ 72.0286, 61.6730,
77.4392

■ 79.5697, 74.0657,
88.2446

88.2350, 88.5172,
100.0089

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.



46.2844, 30.6566, 81.1388



52.0503, 30.6566, 43.2184



50.6981, 30.6566, 17.8173

Triad

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



52.0503, 30.6566, 43.2184



23.0221, 30.6566, 4.0026



18.6744, 30.6566, 94.9638

Complementary

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



52.0503, 30.6566, 43.2184



46.2094, 76.1222, 47.8592

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.



14.7653, 30.6566, 56.0827



52.0503, 30.6566, 43.2184



16.8552, 30.6566, 9.3989

Square

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



52.0503, 30.6566, 43.2184



32.3968, 30.6566, 3.3913



14.1841, 30.6566, 25.1607



26.1058, 30.6566, 120.3467

Rectangle

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



52.0503, 30.6566, 43.2184



46.0360, 30.6566, 9.1334



14.1841, 30.6566, 25.1607



16.9824, 30.6566, 82.2718

Sweetspot

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



52.0511, 30.6582, 43.2189



77.2342, 70.2063, 84.9640



36.4908, 21.4340, 96.8216



16.0734, 14.2738, 17.5321



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.



52.0511, 30.6582, 43.2189



48.6267, 26.1088, 34.9887



46.2442, 28.3354, 12.6401



18.4088, 18.1468, 20.7699



23.8808, 12.0416, 13.2887



2.3804, 1.1945, 1.5848

Inverse Universe

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



52.0511, 30.6582, 43.2189



48.6267, 26.1088, 34.9887



56.5628, 80.2636, 102.3796



18.4088, 18.1468, 20.7699



23.8808, 12.0416, 13.2887



2.3804, 1.1945, 1.5848

Previews

White Background



This preview shows how the XYZ color 52.0503, 30.6566, 43.2184 looks on a white background.

Color Contrast Check

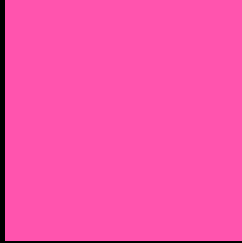
Large Text (above 18pt) WCAG AA × Fail

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 52.0503, 30.6566, 43.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

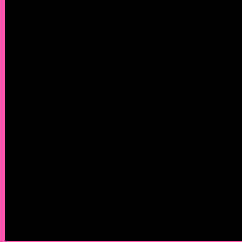
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0503, 30.6566, 43.2184

Background



This preview shows how black text looks on a background with the XYZ color 52.0503, 30.6566, 43.2184.



This preview shows how white text looks on a background with the XYZ color 52.0503, 30.6566,

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

52.0503, 30.6566, 43.2184

Protanopia

32.2782, 30.8835, 71.2777

Deuteranopia

31.3685, 30.6453, 39.8591



Tritanopia

46.7319, 30.6929, 17.3712

Trichromacy



Original Color

52.0503, 30.6566, 43.2184



Protanomaly

35.5687, 27.9777, 60.0255



Deuteranomaly

36.3990, 28.4624, 40.6211



Tritanomaly

48.3338, 30.5186, 24.8159

Monochromacy



Original Color

52.0503, 30.6566, 43.2184



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

33.0913, 26.8805, 34.8968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0503, 30.6566, 43.2184 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, 84, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 174)  
}
```

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, 84, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.0503, 30.6566, 43.2184 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, 84, 174) }
```


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

```
.border{ border-color:rgb(255, 84, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 84, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0503, 30.6566, 43.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 174) }
```

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

```
.background{ background-color: rgb(255, 84,  
174) }
```

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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