

Converting Colors

XYZ(73.0398, 42.3682, 45.9991)

Have a look what the booklet for XYZ(73.0398, 42.3682, 45.9991) contains.

- XYZ(53.0030, 32.0886, 44.9951) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(53.0030, 32.0886,
44.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CB1
RGB	255, 92, 177
RGB Percent	100%, 36%, 69%
CMY	0.0000, 0.6392, 0.3059
CMYK	0.00, 0.64, 0.31, 0.00
HSL	329°, 100%, 68%
HSV	329°, 64%, 100%
XYZ	53.0030, 32.0886, 44.9951
YIQ	150.4270, 69.8630, 60.9910

Conversions

Conversions Part 2

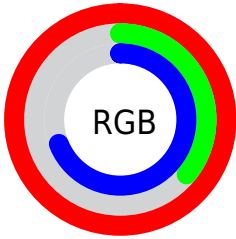
Format	Color
R_{YB}	255, 92, 177
Decimal	16735409
CIE _{Lab}	63.42, 69.24, -12.05
CIE _{LCh}	63, 70.281, 350.131
Yxy	32.0886, 0.4074, 0.2467
Android (android.graphics.Color)	4294925489 (0xFFFF5CB1)
YUV	150.4270, 13.1005, 91.7105
Hunter-Lab	56.6468, 67.8861, -7.4419

Details

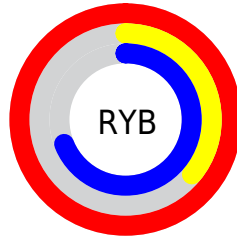
The XYZ color **53.0030, 32.0886, 44.9951** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **47.4310, 76.6984, 50.3388**, and the grayscale version is **29.0975, 30.6128, 33.3373**.

A 20% lighter version of the original color is **66.8543, 48.9559, 83.0166**, and **26.1364, 13.4249, 20.2825** is the 20% darker color. If you saturate the color by 10%, you get **49.9912, 27.9254, 38.2561**, and if you desaturate by 10%, it is **56.8682, 37.7845, 52.5559**.

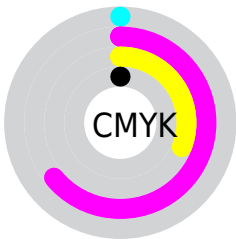
Distribution



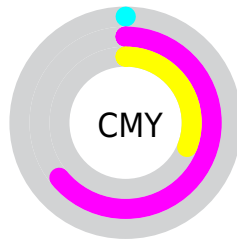
- Red (100%)
- Green (36%)
- Blue (69%)



- Red (100%)
- Yellow (36%)
- Blue (69%)



- Cyan (0%)
- Magenta (64%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0030, 32.0886, 44.9951 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 53.0030, 32.0886, 44.9951 by changing the saturation by 10% instead.


 53.0030, 32.0886,
44.9951

 53.0030, 32.0886,
44.9951

388.5573,
311.5227, 382.9133


 38.0327, 21.4292,
31.1106


 93.7743, 62.9500,
84.0314


 26.1854, 13.4381,
20.4239


 120.3059, 83.9207,
110.0204

 17.0958, 7.7309,
12.5165


 151.4221,
109.0973, 140.8813

 10.3985, 3.9232,
6.9696

 187.4880,
138.8642, 177.0326

 5.7283, 1.6307,
3.3650

228.8692,
173.6058, 218.8929

 2.7196, 0.3782,
1.2839

275.9309,

 1.0073, 0.0000,

213.7065, 266.8808

0.0485

329.0385,
259.5506, 321.4147

■ 0.0000, 0.0000,
0.0000

■ 53.0030, 32.0886,
44.9951

■ 53.0030, 32.0886,
44.9951

■ 49.9912, 27.9254,
38.2561

■ 56.8682, 37.7845,
52.5559

■ 47.7496, 25.1330,
32.2961

■ 61.6543, 45.1438,
60.9736

■ 46.1806, 23.5212,
27.0686

■ 67.4246, 54.2887,
70.2824

■ 45.4715, 22.9526,
24.2130

■ 74.2356, 65.3283,
80.5138

■ 82.1394, 78.3630,
91.6974

91.1848, 93.4861,
103.8611

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.



47.3089, 32.0886, 82.0192



53.0030, 32.0886, 44.9951



51.7558, 32.0886, 19.5009

Triad

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



53.0030, 32.0886, 44.9951



24.4799, 32.0886, 4.8584



19.9724, 32.0886, 94.6354

Complementary

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



53.0030, 32.0886, 44.9951



47.4310, 76.6984, 50.3388

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.



16.0428, 32.0886, 56.9194



53.0030, 32.0886, 44.9951



18.2337, 32.0886, 10.5541

Square

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



53.0030, 32.0886, 44.9951



33.8336, 32.0886, 4.2200



15.4828, 32.0886, 26.5054



27.3915, 32.0886, 119.2656

Rectangle

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



53.0030, 32.0886, 44.9951



47.2348, 32.0886, 10.4693



15.4828, 32.0886, 26.5054



18.2729, 32.0886, 82.3530

Sweetspot

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



53.0038, 32.0902, 44.9957



77.9831, 71.4835, 85.8932



38.0416, 23.2085, 97.0824



16.2181, 14.5215, 17.7090



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.



53.0038, 32.0902, 44.9957



49.2223, 26.9266, 36.3382



47.2463, 29.7872, 14.6770



18.4050, 18.1453, 20.7499



23.8359, 12.0236, 13.0520



2.3761, 1.1928, 1.5617

Inverse Universe

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



53.0038, 32.0902, 44.9957



49.2223, 26.9266, 36.3382



57.3620, 80.6708, 102.6346



18.4050, 18.1453, 20.7499



23.8359, 12.0236, 13.0520



2.3761, 1.1928, 1.5617

Previews

White Background



This preview shows how the XYZ color 53.0030, 32.0886, 44.9951 looks on a white background.

Color Contrast Check

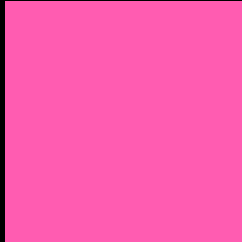
Large Text (above 18pt) WCAG AA × Fail

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 53.0030, 32.0886, 44.9951 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 53.0030, 32.0886, 44.9951

Background



This preview shows how black text looks on a background with the XYZ color 53.0030, 32.0886, 44.9951.



This preview shows how white text looks on a background with the XYZ color 53.0030, 32.0886,

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

53.0030, 32.0886, 44.9951

Protanopia

33.5560, 32.5050, 70.8352

Deuteranopia

32.8745, 32.3212, 41.5517



Tritanopia

47.7193, 32.0543, 19.5916

Trichromacy



Original Color

53.0030, 32.0886, 44.9951



Protanomaly

36.8936, 29.6242, 60.2734



Deuteranomaly

37.9659, 30.3766, 42.3903



Tritanomaly

49.4116, 32.0043, 27.2401

Monochromacy



Original Color

53.0030, 32.0886, 44.9951



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.9345, 28.9299, 37.0005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0030, 32.0886, 44.9951 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, 92, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 177)  
}
```

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, 92, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 177) }
```

Border

The CSS property to change the border of an element to XYZ 53.0030, 32.0886, 44.9951 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, 92, 177) }
```


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

```
.border{ border-color:rgb(255, 92, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0030, 32.0886, 44.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 177) }
```

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

```
.background{ background-color: rgb(255, 92,  
177) }
```

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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