

Converting Colors

XYZ(50.5200, 32.7660, 32.0955)

Have a look what the booklet for
XYZ(50.5200, 32.7660, 32.0955)
contains.

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Color

**XYZ(50.5200, 32.7660,
32.0955)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6895
RGB	252, 104, 149
RGB Percent	99%, 41%, 58%
CMY	0.0118, 0.5921, 0.4157
CMYK	0.00, 0.59, 0.41, 0.01
HSL	342°, 96%, 70%
HSV	342°, 59%, 99%
XYZ	50.5200, 32.7660, 32.0955
YIQ	153.3820, 73.7630, 45.3710

Conversions

Conversions Part 2

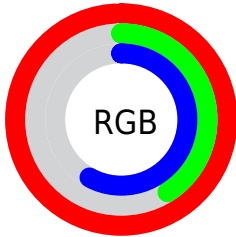
Format	Color
R _Y B	252, 104, 149
Decimal	16541845
CIE Lab	63.97, 60.32, 4.78
CIE LCh	64, 60.508, 4.528
Yxy	32.7660, 0.4379, 0.2840
Android (android.graphics.Color)	4294731925 (0xFFFC6895)
YUV	153.3820, -2.1603, 86.4880
Hunter-Lab	57.2416, 57.3669, 6.8251

Details

The XYZ color **50.5200, 32.7660, 32.0955** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.7837, 77.0697, 71.1832**, and the grayscale version is **30.4326, 32.0175, 34.8670**.

A 20% lighter version of the original color is **64.7644, 51.0615, 62.9423**, and **24.6764, 13.8540, 13.1779** is the 20% darker color. If you saturate the color by 10%, you get **47.0551, 27.9111, 24.5445**, and if you desaturate by 10%, it is **54.9551, 39.2240, 41.0109**.

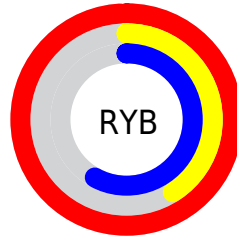
Distribution



Red (99%)

Green (41%)

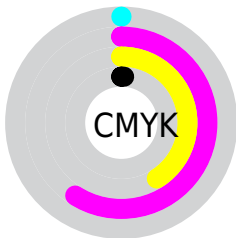
Blue (58%)



Red (99%)

Yellow (41%)

Blue (58%)

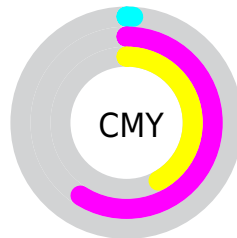


Cyan (0%)

Magenta (59%)

Yellow (41%)

Black (1%)



Cyan (1%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5200, 32.7660, 32.0955 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 50.5200, 32.7660, 32.0955 by changing the saturation by 10% instead.


 50.5200, 32.7660,
32.0955


 50.5200, 32.7660,
32.0955


379.1144,
314.5940, 326.0602


 36.0462, 21.9472,
21.1690


 90.1321, 64.0100,
64.0604


 24.6402, 13.8181,
13.0552


 116.0011, 85.2041,
85.9360

 15.9365, 7.9943,
7.3354


 146.3993,
110.6254, 112.2982

 9.5698, 4.0913,
3.5911

 181.6919,
140.6583, 143.5659

 5.1747, 1.7248,
1.4038

222.2444,
175.6872, 180.1573

 2.3859, 0.4396,
0.1447

268.4221,

 0.8381, 0.0000,

216.0965, 222.4912

0.0000

320.5903,
262.2707, 270.9859

■ 0.0000, 0.0000,
0.0000

■ 50.5200, 32.7660,
32.0955

■ 50.5200, 32.7660,
32.0955

■ 47.0551, 27.9111,
24.5445

■ 54.9551, 39.2240,
41.0109

■ 44.4787, 24.5106,
18.2834

■ 60.4279, 47.4057,
51.3556

■ 42.6989, 22.3971,
13.2319

■ 67.0025, 57.4263,
63.1925

■ 41.5853, 21.3273,
9.2925

■ 74.7371, 69.3892,
76.5797

■ 41.4707, 21.2258,
8.8609

■ 83.6855, 83.3904,
91.5721

93.8316, 99.3861,
108.1997

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



48.4196, 32.7660, 59.9289



50.5200, 32.7660, 32.0955



46.7026, 32.7660, 15.1270

Triad

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



50.5200, 32.7660, 32.0955



22.7415, 32.7660, 9.2851



24.6089, 32.7660, 97.0985

Complementary

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



50.5200, 32.7660, 32.0955



51.7837, 77.0697, 71.1832

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.



19.4915, 32.7660, 69.4704



50.5200, 32.7660, 32.0955



18.5594, 32.7660, 19.0492

Square

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



50.5200, 32.7660, 32.0955



29.8662, 32.7660, 6.3506



17.4880, 32.7660, 39.5146



32.4559, 32.7660, 105.9699

Rectangle

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



50.5200, 32.7660, 32.0955



41.6626, 32.7660, 9.4672



17.4880, 32.7660, 39.5146



22.5625, 32.7660, 89.2279

Sweetspot

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



50.5209, 32.7677, 32.0961



77.3916, 72.2407, 79.7154



47.7362, 29.9291, 95.3563



16.0372, 14.6419, 16.1621



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.



50.5209, 32.7677, 32.0961



47.9400, 28.1304, 24.2931



50.7791, 37.9654, 17.7507



17.4618, 17.3121, 19.0217



21.6597, 11.0796, 4.9162



2.0510, 1.0441, 0.6920

Inverse Universe

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



50.5209, 32.7677, 32.0961



47.9400, 28.1304, 24.2931



50.1702, 63.7510, 101.7563



17.4618, 17.3121, 19.0217



21.6597, 11.0796, 4.9162



2.0510, 1.0441, 0.6920

Previews

White Background



This preview shows how the XYZ color 50.5200, 32.7660, 32.0955 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 50.5200, 32.7660, 32.0955 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 50.5200, 32.7660, 32.0955

Background



This preview shows how black text looks on a background with the XYZ color 50.5200, 32.7660, 32.0955.



This preview shows how white text looks on a background with the XYZ color 50.5200, 32.7660,

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

50.5200, 32.7660, 32.0955

Protanopia

32.3540, 32.9049, 46.7655

Deuteranopia

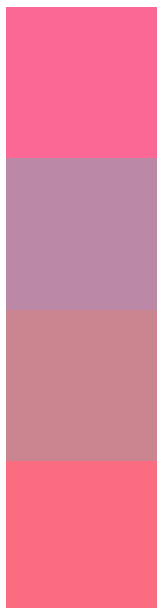
33.4680, 32.8796, 30.1736



Tritanopia

48.2703, 32.7839, 20.9233

Trichromacy



Original Color

50.5200, 32.7660, 32.0955

Protanomaly

36.5182, 31.0897, 40.6354

Deuteranomaly

38.1270, 31.5159, 30.8617

Tritanomaly

49.1087, 32.8193, 24.5153

Monochromacy



Original Color

50.5200, 32.7660, 32.0955

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

35.3177, 30.4138, 33.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5200, 32.7660, 32.0955 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, 104, 149)` looks like.

```
.text, #text, p{  
    color:rgb(252, 104, 149)  
}
```

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, 104, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 104, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.5200, 32.7660, 32.0955 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, 104, 149) }
```


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

```
.border{ border-color:rgb(252, 104, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 104, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 104, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 104, 149);  
box-shadow:4px 4px 4px 4px rgb(252, 104,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5200, 32.7660, 32.0955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 104, 149) }
```

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

```
.background{ background-color: rgb(252,  
104, 149) }
```

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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