

Converting Colors

XYZ(50.7298, 31.8764, 44.2914)

Have a look what the booklet for XYZ(50.7298, 31.8764, 44.2914) contains.

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Color

**XYZ(50.5575, 31.7930,
44.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	F763AF
RGB	247, 99, 175
RGB Percent	97%, 39%, 69%
CMY	0.0314, 0.6117, 0.3137
CMYK	0.00, 0.60, 0.29, 0.03
HSL	329°, 90%, 68%
HSV	329°, 60%, 97%
XYZ	50.5575, 31.7930, 44.0294
YIQ	151.9160, 63.8120, 55.0120

Conversions

Conversions Part 2

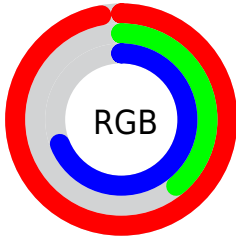
Format	Color
R_{YB}	247, 99, 175
Decimal	16212911
CIE _{Lab}	63.17, 63.87, -11.39
CIE _{LCh}	63, 64.874, 349.885
Yxy	31.7930, 0.4000, 0.2516
Android (android.graphics.Color)	4294402991 (0xFFFF763AF)
YUV	151.9160, 11.3804, 83.3887
Hunter-Lab	56.3853, 61.3766, -6.8279

Details

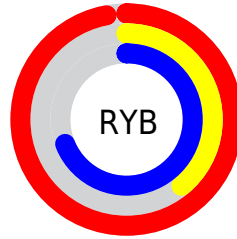
The XYZ color **50.5575, 31.7930, 44.0294** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.7588, 72.1154, 50.0400**, and the grayscale version is **29.7434, 31.2923, 34.0773**.

A 20% lighter version of the original color is **67.5523, 50.8065, 81.8475**, and **24.7302, 13.3180, 20.0061** is the 20% darker color. If you saturate the color by 10%, you get **47.4367, 27.3568, 37.4229**, and if you desaturate by 10%, it is **54.5005, 37.7051, 51.4288**.

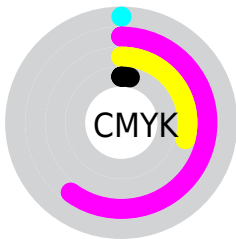
Distribution



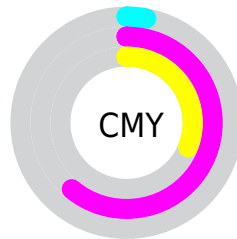
- Red (97%)
- Green (39%)
- Blue (69%)



- Red (97%)
- Yellow (39%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (61%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5575, 31.7930, 44.0294 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 50.5575, 31.7930, 44.0294 by changing the saturation by 10% instead.


 50.5575, 31.7930,
44.0294

 50.5575, 31.7930,
44.0294


379.2582,
310.1752, 378.8731

 36.0762, 21.2034,
30.3563


 90.1872, 62.4864,
82.5649


 24.6634, 13.2728,
19.8548


 116.0664, 83.3591,
108.2644

 15.9539, 7.6167,
12.1065


 146.4755,
108.4283, 138.8097

 9.5822, 3.8507,
6.6928

 181.7799,
138.0783, 174.6194

 5.1829, 1.5904,
3.1952

222.3451,
172.6936, 216.1121

 2.3908, 0.3511,
1.1952

268.5362,

 0.8406, 0.0000,

212.6586, 263.7062

0.0000

320.7188,
258.3577, 317.8204

■ 0.0000, 0.0000,
0.0000

■ 50.5575, 31.7930,
44.0294

■ 50.5575, 31.7930,
44.0294

■ 47.4367, 27.3568,
37.4229

■ 54.5005, 37.7051,
51.4288

■ 45.0650, 24.2554,
31.5706

■ 59.3247, 45.2075,
59.6528

■ 43.3601, 22.3282,
26.4314

■ 65.0865, 54.4086,
68.7331

■ 42.1866, 21.3093,
21.9455

■ 71.8366, 65.4062,
78.6985

■ 42.1777, 21.3021,
21.9100

■ 79.6221, 78.2903,
89.5765

88.4866, 93.1450,
101.3929

92.1679, 98.5142,
108.7651

Harmonies

Analogous

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



45.4068, 31.7930, 77.1515



50.5575, 31.7930, 44.0294



49.4945, 31.7930, 20.3972

Triad

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



50.5575, 31.7930, 44.0294



24.7274, 31.7930, 5.8566



20.4186, 31.7930, 87.7432

Complementary

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



50.5575, 31.7930, 44.0294



45.7588, 72.1154, 50.0400

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.



16.7365, 31.7930, 54.2645



50.5575, 31.7930, 44.0294



18.8619, 31.7930, 11.5598

Square

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



50.5575, 31.7930, 44.0294



33.3473, 31.7930, 5.2160



16.2294, 31.7930, 26.6521



27.2914, 31.7930, 109.4855

Rectangle

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



50.5575, 31.7930, 44.0294



45.4653, 31.7930, 11.6332



16.2294, 31.7930, 26.6521



18.8294, 31.7930, 76.8919

Sweetspot

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



50.5584, 31.7946, 44.0300



78.7258, 72.7743, 86.7408



37.9452, 24.2468, 90.6761



16.3606, 14.7713, 17.8647



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.



50.5584, 31.7946, 44.0300



50.3721, 28.5588, 38.7785



45.1928, 29.6484, 15.7750



16.8544, 16.6246, 18.9796



22.3785, 11.2948, 11.9673



2.0188, 1.0135, 1.3253

Inverse Universe

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



50.5584, 31.7946, 44.0300



50.3721, 28.5588, 38.7785



54.8177, 75.7390, 97.7434



16.8544, 16.6246, 18.9796



22.3785, 11.2948, 11.9673



2.0188, 1.0135, 1.3253

Previews

White Background



This preview shows how the XYZ color 50.5575, 31.7930, 44.0294 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 50.5575, 31.7930, 44.0294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

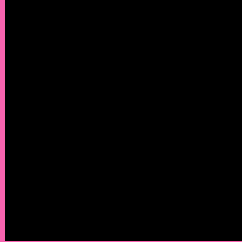
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5575, 31.7930, 44.0294

Background



This preview shows how black text looks on a background with the XYZ color 50.5575, 31.7930, 44.0294.



This preview shows how white text looks on a background with the XYZ color 50.5575, 31.7930,

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

50.5575, 31.7930, 44.0294

Protanopia

32.9778, 32.0706, 66.0801

Deuteranopia

32.6228, 31.9663, 41.0099



Tritanopia

45.7419, 31.7975, 21.1794

Trichromacy



Original Color

50.5575, 31.7930, 44.0294



Protanomaly

36.3488, 29.8099, 57.2642



Deuteranomaly

37.3643, 30.4723, 41.9426



Tritanomaly

47.2261, 31.6126, 28.0388

Monochromacy



Original Color

50.5575, 31.7930, 44.0294



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

35.2262, 29.8779, 37.1681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5575, 31.7930, 44.0294 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(247, 99, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 99, 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(247, 99, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.5575, 31.7930, 44.0294 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(247, 99, 175) }
```


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

```
.border{ border-color:rgb(247, 99, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 99, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 99, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 99, 175); box-shadow:4px 4px 4px 4px rgb(247, 99, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5575, 31.7930, 44.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 175) }
```

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

```
.background{ background-color: rgb(247, 99,  
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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