

Converting Colors

XYZ(50.3124, 31.2032, 47.5032)

Have a look what the booklet for
XYZ(50.3124, 31.2032, 47.5032)
contains.

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Color

**XYZ(50.2826, 31.1556,
47.6194)**

Conversions

Conversions Part 1

Format	Color
Hex	F560B6
RGB	245, 96, 182
RGB Percent	96%, 38%, 71%
CMY	0.0392, 0.6235, 0.2863
CMYK	0.00, 0.61, 0.26, 0.04
HSL	325°, 88%, 67%
HSV	325°, 61%, 96%
XYZ	50.2826, 31.1556, 47.6194
YIQ	150.3550, 61.1980, 58.3340

Conversions

Conversions Part 2

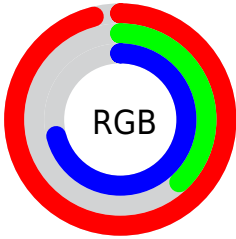
Format	Color
R _Y B	245, 96, 182
Decimal	16081078
CIE Lab	62.64, 65.43, -16.23
CIE LCh	63, 67.408, 346.070
Yxy	31.1556, 0.3896, 0.2414
Android (android.graphics.Color)	4294271158 (0xFFFF560B6)
YUV	150.3550, 15.6010, 83.0037
Hunter-Lab	55.8172, 63.1206, -11.5101

Details

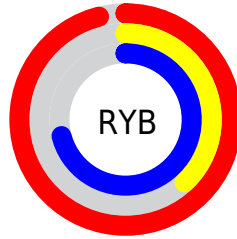
The XYZ color **50.2826, 31.1556, 47.6194** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **43.7360, 70.2959, 44.0678**, and the grayscale version is **29.0590, 30.5724, 33.2933**.

A 20% lighter version of the original color is **68.0638, 50.2155, 86.9941**, and **24.4865, 12.9323, 21.9745** is the 20% darker color. If you saturate the color by 10%, you get **47.3540, 26.9487, 41.5550**, and if you desaturate by 10%, it is **53.9885, 36.7898, 54.3343**.

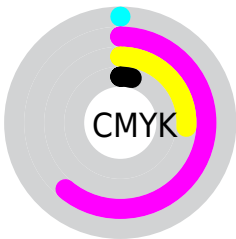
Distribution



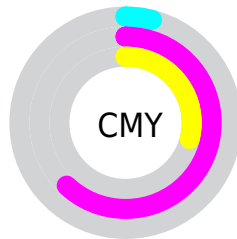
- Red (96%)
- Green (38%)
- Blue (71%)



- Red (96%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2826, 31.1556, 47.6194 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 50.2826, 31.1556, 47.6194 by changing the saturation by 10% instead.


 50.2826, 31.1556,
47.6194


 50.2826, 31.1556,
47.6194


378.2038,
307.2545, 393.7466


 35.8567, 20.7174,
33.1677


 89.7828, 61.4850,
87.9971


 24.4931, 12.9176,
21.9828


 115.5878, 82.1449,
114.7602

 15.8266, 7.3718,
13.6461


 145.9165,
106.9808, 146.4642

 9.4916, 3.6957,
7.7390

 181.1343,
136.3772, 183.5277

 5.1228, 1.5048,
3.8430

221.6066,
170.7183, 226.3691

 2.3550, 0.2921,
1.5396

267.6987,

 0.8226, 0.0000,

210.3887, 275.4070

0.2472

319.7760,
255.7726, 331.0600

■ 0.0000, 0.0000,
0.0000

■ 50.2826, 31.1556,
47.6194

■ 50.2826, 31.1556,
47.6194

■ 47.3540, 26.9487,
41.5550

■ 53.9885, 36.7898,
54.3343

■ 45.1311, 24.0294,
36.1079

■ 58.5291, 43.9643,
61.7261

■ 43.5327, 22.2378,
31.2428

■ 63.9594, 52.7860,
69.8213

■ 42.4943, 21.3477,
27.2383

■ 70.3285, 63.3512,
78.6440

■ 77.6821, 75.7483,
88.2168

86.0626, 90.0599,
98.5612

91.3888, 98.1216,
108.3239

91.4664, 98.1526,
108.7323

Harmonies

Analogous

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



44.2454, 31.1556, 82.5260



50.2826, 31.1556, 47.6194



50.0399, 31.1556, 21.7563

Triad

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



50.2826, 31.1556, 47.6194



24.9863, 31.1556, 4.8322



18.9689, 31.1556, 84.9672

Complementary

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



50.2826, 31.1556, 47.6194



43.7360, 70.2959, 44.0678

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.



15.6734, 31.1556, 49.9451



50.2826, 31.1556, 47.6194



18.6242, 31.1556, 9.5361

Square

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



50.2826, 31.1556, 47.6194



34.0723, 31.1556, 4.7000



15.5619, 31.1556, 23.1425



25.5598, 31.1556, 110.5412

Rectangle

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



50.2826, 31.1556, 47.6194



46.3110, 31.1556, 12.0023



15.5619, 31.1556, 23.1425



17.5048, 31.1556, 73.2845

Sweetspot

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



50.2835, 31.1572, 47.6200



79.1461, 72.9424, 88.9540



34.7830, 22.2378, 88.8457



16.4631, 14.8123, 18.4046



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.



50.2835, 31.1572, 47.6200



51.2240, 28.6438, 44.0531



44.5694, 28.8715, 17.5296



16.9001, 16.6429, 19.2206



22.9631, 11.5287, 15.0461



2.0695, 1.0338, 1.5926

Inverse Universe

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



50.2835, 31.1572, 47.6200



51.2240, 28.6438, 44.0531



52.1260, 73.6519, 88.2489



16.9001, 16.6429, 19.2206



22.9631, 11.5287, 15.0461



2.0695, 1.0338, 1.5926

Previews

White Background



This preview shows how the XYZ color 50.2826, 31.1556, 47.6194 looks on a white background.

Color Contrast Check

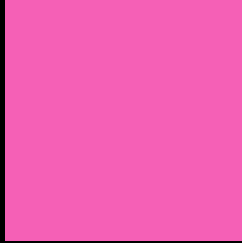
Large Text (above 18pt) WCAG AA × Fail

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 50.2826, 31.1556, 47.6194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

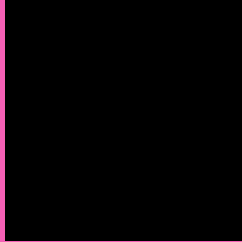
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2826, 31.1556, 47.6194

Background



This preview shows how black text looks on a background with the XYZ color 50.2826, 31.1556, 47.6194.

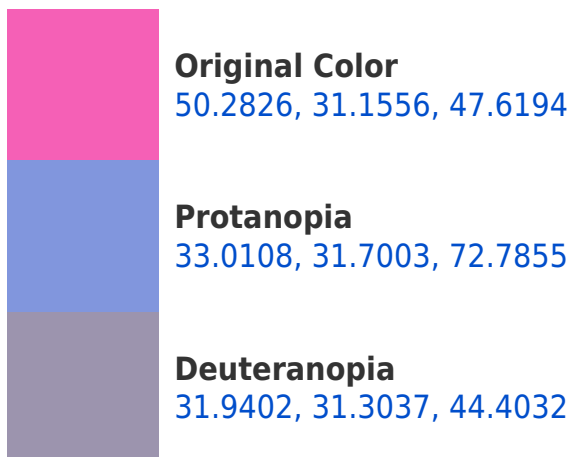


This preview shows how white text looks on a background with the XYZ color 50.2826, 31.1556,

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





Tritanopia

44.6108, 31.0515, 21.0951

Trichromacy



Original Color

50.2826, 31.1556, 47.6194



Protanomaly

36.0397, 29.1282, 62.7543



Deuteranomaly

36.5251, 29.5662, 45.3767



Tritanomaly

46.3121, 30.9618, 29.1265

Monochromacy



Original Color

50.2826, 31.1556, 47.6194



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.5118, 28.8882, 37.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2826, 31.1556, 47.6194 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(245, 96, 182)` looks like.

```
.text, #text, p{  
    color:rgb(245, 96, 182)  
}
```

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(245, 96, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 96, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.2826, 31.1556, 47.6194 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(245, 96, 182) }
```


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

```
.border{ border-color:rgb(245, 96, 182) }
```

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

Here you see how a box with a 4 pixel rgb(245, 96, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 96, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 96, 182);  
box-shadow:4px 4px 4px 4px rgb(245, 96,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2826, 31.1556, 47.6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 96, 182) }
```

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

```
.background{ background-color: rgb(245, 96,  
182) }
```

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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