

Converting Colors

XYZ(50.1950, 28.0960, 61.1143)

Have a look what the booklet for
XYZ(50.1950, 28.0960, 61.1143)
contains.

XYZ(50.1411, 28.0986, 61.1734)	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(50.1411, 28.0986,
61.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	F249CE
RGB	242, 73, 206
RGB Percent	95%, 29%, 81%
CMY	0.0510, 0.7137, 0.1922
CMYK	0.00, 0.70, 0.15, 0.05
HSL	313°, 87%, 62%
HSV	313°, 70%, 95%
XYZ	50.1411, 28.0986, 61.1734
YIQ	138.6930, 58.0310, 77.1910

Conversions

Conversions Part 2

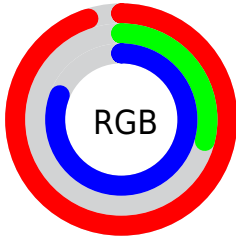
Format	Color
R _Y B	242, 73, 206
Decimal	15878606
CIE Lab	59.98, 76.52, -34.03
CIE LCh	60, 83.744, 336.021
Yxy	28.0986, 0.3597, 0.2015
Android (android.graphics.Color)	4294068686 (0xFFFF249CE)
YUV	138.6930, 33.1824, 90.6002
Hunter-Lab	53.0081, 76.0814, -31.3173

Details

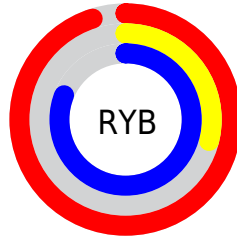
The XYZ color **50.1411, 28.0986, 61.1734** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **37.2616, 66.0259, 25.2512**, and the grayscale version is **24.2855, 25.5502, 27.8242**.

A 20% lighter version of the original color is **67.8151, 45.5302, 99.8217**, and **24.8773, 12.1794, 30.3178** is the 20% darker color. If you saturate the color by 10%, you get **48.2330, 25.2679, 57.4979**, and if you desaturate by 10%, it is **52.6898, 32.1765, 65.1642**.

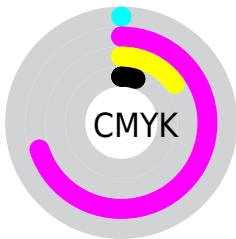
Distribution



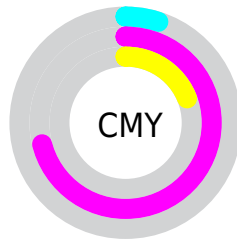
- Red (95%)
- Green (29%)
- Blue (81%)



- Red (95%)
- Yellow (29%)
- Blue (81%)



- Cyan (0%)
- Magenta (70%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (71%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1411, 28.0986, 61.1734 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 50.1411, 28.0986, 61.1734 by changing the saturation by 10% instead.


 50.1411, 28.0986,
61.1734

 50.1411, 28.0986,
61.1734


377.6603,
292.9378, 446.8336

 35.7438, 18.4000,
43.9337


 89.5745, 56.6418,
108.0899


 24.4056, 11.2375,
30.2815


 115.3412, 76.2552,
138.6038

 15.7611, 6.2268,
19.7985


 145.6285, 99.9424,
174.3795

 9.4450, 2.9835,
12.0661

 180.8017,
128.0876, 215.8355

 5.0920, 1.1231,
6.6656

221.2261,
161.0754, 263.3904

 2.3367, 0.0000,
3.1786

267.2671,

 0.8133, 0.0000,

199.2901, 317.4627

1.1865

319.2901,
243.1161, 378.4709

■ 0.0000, 0.0000,
0.0000

■ 50.1411, 28.0986,
61.1734

■ 50.1411, 28.0986,
61.1734

■ 48.2330, 25.2679,
57.4979

■ 52.6898, 32.1765,
65.1642

■ 46.8861, 23.5275,
54.1097

■ 55.9405, 37.6259,
69.4911


■ 45.9755, 22.6274,
50.9664


■ 59.9505, 44.5604,
74.1743


■ 45.9615, 22.6147,
50.9146


■ 64.7703, 53.0808,
79.2316

■ 70.4461, 63.2789,
84.6793

 77.0204, 75.2397,
90.5325

 84.5328, 89.0422,
96.8052

 89.2043, 97.1278,
102.2387

 90.0122, 97.4510,
106.4929

Harmonies

Analogous

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



40.6581, 28.0986, 106.8203



50.1411, 28.0986, 61.1734



52.7027, 28.0986, 24.8437

Triad

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



50.1411, 28.0986, 61.1734



24.6151, 28.0986, 1.4784



13.3270, 28.0986, 79.6990

Complementary

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



50.1411, 28.0986, 61.1734



37.2616, 66.0259, 25.2512

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.



11.0741, 28.0986, 37.1708



50.1411, 28.0986, 61.1734



16.3794, 28.0986, 3.4461

Square

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



50.1411, 28.0986, 61.1734



35.9287, 28.0986, 2.2008



12.0202, 28.0986, 12.4071



19.2157, 28.0986, 121.6195

Rectangle

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



50.1411, 28.0986, 61.1734



49.6731, 28.0986, 11.3979



12.0202, 28.0986, 12.4071



12.2023, 28.0986, 64.2295

Sweetspot

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



50.1421, 28.1000, 61.1739



78.4990, 69.7503, 94.5895



24.4506, 14.2911, 85.4748



16.4092, 14.2214, 19.8761



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.



50.1421, 28.1000, 61.1739



53.5804, 27.4538, 63.0364



42.6210, 25.0916, 21.5685



16.3016, 15.9704, 19.1447



24.7429, 12.1696, 27.6262



2.0939, 1.0266, 2.4854

Inverse Universe

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



50.1421, 28.1000, 61.1739



53.5804, 27.4538, 63.0364



43.9382, 68.6966, 60.4095



16.3016, 15.9704, 19.1447



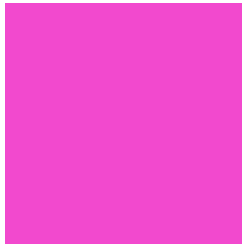
24.7429, 12.1696, 27.6262



2.0939, 1.0266, 2.4854

Previews

White Background



This preview shows how the XYZ color 50.1411, 28.0986, 61.1734 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1411, 28.0986, 61.1734 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 × Fail

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

XYZ 50.1411, 28.0986, 61.1734

Background



This preview shows how black text looks on a background with the XYZ color 50.1411, 28.0986, 61.1734.



This preview shows how white text looks on a background with the XYZ color 50.1411, 28.0986,

61.1734.

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

50.1411, 28.0986, 61.1734

Protanopia

31.9885, 28.5451, 98.4315

Deuteranopia

28.9922, 28.3763, 56.1737



Tritanopia

41.1160, 27.9305, 17.6921

Trichromacy



Original Color

50.1411, 28.0986, 61.1734



Protanomaly

33.5641, 24.8083, 83.1402



Deuteranomaly

33.6983, 25.7849, 57.8445



Tritanomaly

43.3672, 27.3287, 29.3748

Monochromacy



Original Color

50.1411, 28.0986, 61.1734



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

30.6461, 24.1359, 37.6938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1411, 28.0986, 61.1734 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(242, 73, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 73, 206)  
}
```

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(242, 73, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 73, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.1411, 28.0986, 61.1734 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(242, 73, 206) }
```


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

```
.border{ border-color:rgb(242, 73, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 73, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 73, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 73, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 73,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1411, 28.0986, 61.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 73, 206) }
```

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

```
.background{ background-color: rgb(242, 73,  
206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor