

Converting Colors

XYZ(57.4990, 28.1233, 88.6564)

Have a look what the booklet for
XYZ(57.4990, 28.1233, 88.6564)
contains.

XYZ(57.6046, 28.1637, 88.7862)	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(57.6046, 28.1637,
88.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	FE14F5
RGB	254, 20, 245
RGB Percent	100%, 8%, 96%
CMY	0.0039, 0.9215, 0.0392
CMYK	0.00, 0.92, 0.04, 0.00
HSL	302°, 99%, 54%
HSV	302°, 92%, 100%
XYZ	57.6046, 28.1637, 88.7862
YIQ	115.6160, 67.2390, 119.5830

Conversions

Conversions Part 2

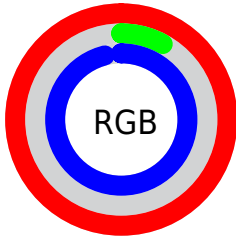
Format	Color
RYB	254, 20, 245
Decimal	16651509
CIELab	60.04, 95.39, -55.75
CIELCh	60, 110.487, 329.695
Yxy	28.1637, 0.3300, 0.1613
Android (android.graphics.Color)	4294841589 (0xFFFE14F5)
YUV	115.6160, 63.7863, 121.3628
Hunter-Lab	53.0695, 100.8823, -62.0446

Details

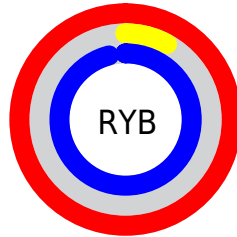
The XYZ color **57.6046, 28.1637, 88.7862** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **35.9535, 71.1224, 12.9974**, and the grayscale version is **16.2857, 17.1339, 18.6588**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **30.8153, 14.8373, 48.8167** is the 20% darker color. If you saturate the color by 10%, you get **57.2376, 27.6167, 88.0848**, and if you desaturate by 10%, it is **58.4595, 29.6333, 89.8093**.

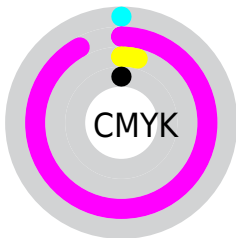
Distribution



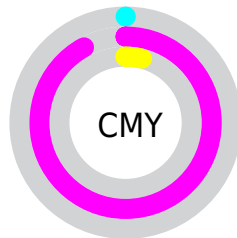
- Red (100%)
- Green (8%)
- Blue (96%)



- Red (100%)
- Yellow (8%)
- Blue (96%)



- Cyan (0%)
- Magenta (92%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6046, 28.1637, 88.7862 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 57.6046, 28.1637, 88.7862 by changing the saturation by 10% instead.


 57.6046, 28.1637,
88.7862


 57.6046, 28.1637,
88.7862

405.6886,
293.2483, 544.5423


 41.7329, 18.4491,
66.4063


 100.4731, 56.7457,
147.5720

 29.0824, 11.2729,
48.1438


 128.2006, 76.3819,
184.8150


 19.2877, 6.2507,
33.5800


 160.6108,
100.0940, 227.8494

 11.9836, 2.9981,
22.2964

 198.0689,
128.2666, 277.0938

 6.8046, 1.1307,
13.8744

 240.9404,
161.2839, 332.9668

 3.3855, 0.0040,
7.8956

289.5906,

 1.3607, 0.0000,

199.5303, 395.8868

3.9414

344.3849,
243.3903, 466.2725

■ 0.2280, 0.0000,
1.5933

■ 0.0000, 0.0000,
0.2860

■ 57.6046, 28.1637,
88.7862

■ 57.6046, 28.1637,
88.7862

■ 57.2376, 27.6167,
88.0848

■ 58.4595, 29.6333,
89.8093

■ 59.8975, 32.2685,
91.0305

■ 62.0101, 36.2519,
92.4805

■ 64.8724, 41.7334,
94.1843

68.5494, 48.8429,
96.1636

73.0992, 57.6966,
98.4377

78.5743, 68.4000,
101.0242

85.0235, 81.0500,
103.9392

92.4917, 95.7370,
107.1980

Harmonies

Analogous

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



42.5444, 28.1637, 159.3591



57.6046, 28.1637, 88.7862



63.9928, 28.1637, 31.0801

Triad

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



57.6046, 28.1637, 88.7862



26.9131, 28.1637, 0.0000



9.4661, 28.1637, 87.3419

Complementary

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



57.6046, 28.1637, 88.7862



35.9535, 71.1224, 12.9974

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.



7.7974, 28.1637, 30.2546



57.6046, 28.1637, 88.7862



15.4725, 28.1637, 0.5267

Square

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



57.6046, 28.1637, 88.7862



42.8853, 28.1637, 0.5678



9.5384, 28.1637, 5.8214



15.2999, 28.1637, 158.1241

Rectangle

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



57.6046, 28.1637, 88.7862



61.2035, 28.1637, 11.2546



9.5384, 28.1637, 5.8214



8.5141, 28.1637, 64.9198

Sweetspot

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



57.6057, 28.1650, 88.7867



75.9084, 62.4194, 100.3533



18.6145, 7.9017, 94.3112



15.7641, 12.4165, 21.2477



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.



57.6057, 28.1650, 88.7867



57.7505, 27.8642, 88.8729



45.1011, 23.1632, 22.9382



18.7607, 18.2876, 22.6230



30.1893, 14.5650, 46.5085



2.9485, 1.4218, 4.5760

Inverse Universe

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



57.6057, 28.1650, 88.7867



57.7505, 27.8642, 88.8729



40.8279, 73.0721, 38.6656



18.7607, 18.2876, 22.6230



30.1893, 14.5650, 46.5085



2.9485, 1.4218, 4.5760

Previews

White Background



This preview shows how the XYZ color 57.6046, 28.1637, 88.7862 looks on a white background.

Color Contrast Check

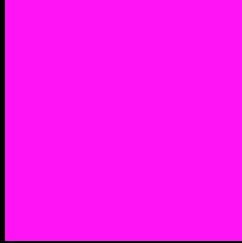
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.6046, 28.1637, 88.7862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

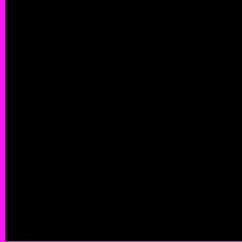
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 57.6046, 28.1637, 88.7862

Background



This preview shows how black text looks on a background with the XYZ color 57.6046, 28.1637, 88.7862.



This preview shows how white text looks on a background with the XYZ color 57.6046, 28.1637,

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

57.6046, 28.1637, 88.7862

Protanopia

31.9395, 28.7397, 98.4717

Deuteranopia

29.3381, 28.5054, 78.8187



Tritanopia

42.3700, 27.8996, 16.2487

Trichromacy



Original Color

57.6046, 28.1637, 88.7862



Protanomaly

34.3579, 22.1844, 93.7379



Deuteranomaly

32.8790, 21.9825, 81.1074



Tritanomaly

45.3527, 25.8559, 33.6107

Monochromacy



Original Color

57.6046, 28.1637, 88.7862



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

25.2792, 16.6362, 36.5291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6046, 28.1637, 88.7862 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(254, 20, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 20, 245)  
}
```

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(254, 20, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 20, 245) }
```

Border

The CSS property to change the border of an element to XYZ 57.6046, 28.1637, 88.7862 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(254, 20, 245) }
```


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

```
.border{ border-color:rgb(254, 20, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 20, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 20, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 20, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 20,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6046, 28.1637, 88.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 20, 245) }
```

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

```
.background{ background-color: rgb(254, 20,  
245) }
```

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