

Converting Colors

XYZ(57.6886, 30.2191, 96.3853)

Have a look what the booklet for
XYZ(57.6886, 30.2191, 96.3853)
contains.

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Color

**XYZ(57.6181, 30.1938,
96.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	F63EFE
RGB	246, 62, 254
RGB Percent	96%, 24%, 100%
CMY	0.0353, 0.7568, 0.0039
CMYK	0.03, 0.76, 0.00, 0.00
HSL	298°, 99%, 62%
HSV	298°, 76%, 100%
XYZ	57.6181, 30.1938, 96.5571
YIQ	138.9040, 48.0320, 98.7200

Conversions

Conversions Part 2

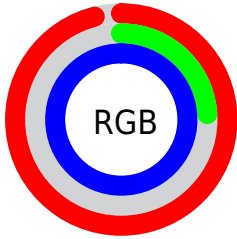
Format	Color
R _Y B	246, 62, 254
Decimal	16137982
CIE Lab	61.82, 87.73, -57.97
CIE LCh	62, 105.155, 326.542
Yxy	30.1938, 0.3125, 0.1638
Android (android.graphics.Color)	4294328062 (0xFFFF63EFE)
YUV	138.9040, 56.7423, 93.9232
Hunter-Lab	54.9489, 91.0103, -65.7212

Details

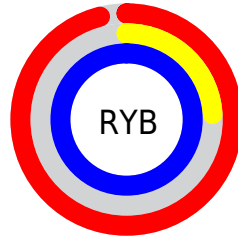
The XYZ color **57.6181, 30.1938, 96.5571** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.8380, 72.5342, 16.5122**, and the grayscale version is **24.2815, 25.5461, 27.8197**.

A 20% lighter version of the original color is **67.0092, 43.9183, 99.5531**, and **29.9714, 14.2998, 53.4050** is the 20% darker color. If you saturate the color by 10%, you get **56.1755, 27.8571, 96.1825**, and if you desaturate by 10%, it is **59.7099, 33.8236, 97.1479**.

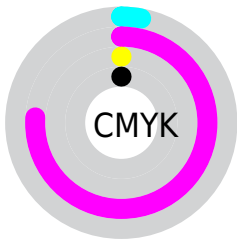
Distribution



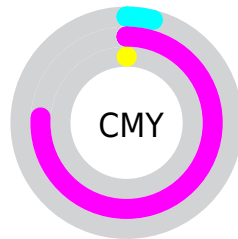
- Red (96%)
- Green (24%)
- Blue (100%)



- Red (96%)
- Yellow (24%)
- Blue (100%)



- Cyan (3%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (76%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6181, 30.1938, 96.5571 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 57.6181, 30.1938, 96.5571 by changing the saturation by 10% instead.


 57.6181, 30.1938,
96.5571


 57.6181, 30.1938,
96.5571


405.7382,
302.8068, 570.2491


 41.7438, 19.9857,
72.8276

 100.4927, 59.9685,
158.4281


 29.0909, 12.3847,
53.3440


 128.2236, 80.3040,
197.4067


 19.2943, 7.0062,
37.6879


 160.6375,
104.7840, 242.3053

 11.9884, 3.4660,
25.4406

 198.0997,
133.7930, 293.5426

 6.8079, 1.3796,
16.1836

 240.9755,
167.7154, 351.5371

 3.3875, 0.2016,
9.4984

289.6303,

 1.3618, 0.0000,

206.9356, 416.7073

4.9665

344.4294,
251.8379, 489.4718

■ 0.2288, 0.0000,
2.1692

■ 0.0000, 0.0000,
0.6565

■ 57.6181, 30.1938,
96.5571

■ 57.6181, 30.1938,
96.5571

■ 56.1755, 27.8571,
96.1825

■ 59.7099, 33.8236,
97.1479

■ 55.2801, 26.6126,
95.9895

■ 62.5267, 38.9015,
97.9796

■ 54.9963, 26.2851,
95.9412

■ 66.1378, 45.5649,
99.0754

■ 70.6035, 53.9342,
100.4555

■ 75.9782, 64.1184,
102.1379

■ 82.3118, 76.2172,
104.1394

■ 89.6505, 90.3230,
106.4753

94.6938, 99.8349,
108.0455

94.8895, 99.9358,
108.0547

Harmonies

Analogous

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



42.5271, 30.1938, 161.8392



57.6181, 30.1938, 96.5571



64.9483, 30.1938, 37.7621

Triad

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



57.6181, 30.1938, 96.5571



30.3572, 30.1938, 0.1136



10.6916, 30.1938, 80.9244

Complementary

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



57.6181, 30.1938, 96.5571



38.8380, 72.5342, 16.5122

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.



9.3086, 30.1938, 28.4305



57.6181, 30.1938, 96.5571



18.2484, 30.1938, 0.8750

Square

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



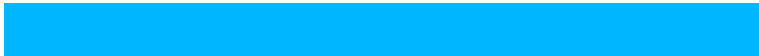
57.6181, 30.1938, 96.5571



46.2984, 30.1938, 1.3636



11.5568, 30.1938, 6.0218



16.2418, 30.1938, 148.7187

Rectangle

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



57.6181, 30.1938, 96.5571



63.1248, 30.1938, 15.4138



11.5568, 30.1938, 6.0218



9.8219, 30.1938, 60.1596

Sweetspot

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



57.6193, 30.1952, 96.5577



78.2157, 67.6575, 103.5445



22.1687, 12.7644, 95.0617



16.2793, 13.6016, 22.0173



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.



57.6193, 30.1952, 96.5577



56.1278, 27.3032, 96.9195



49.6274, 27.3295, 39.5122



18.7135, 18.2595, 22.7881



29.0272, 13.8746, 50.5827



2.8486, 1.3624, 4.9261

Inverse Universe

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



43.7020, 24.9594, 8.3098



41.8146, 21.9785, 3.4493



42.8065, 74.0593, 40.2240



18.0400, 17.9993, 18.8280



21.5924, 11.1263, 1.2383



2.1127, 1.0874, 0.1748

Previews

White Background



This preview shows how the XYZ color 57.6181, 30.1938, 96.5571 looks on a white background.

Color Contrast Check

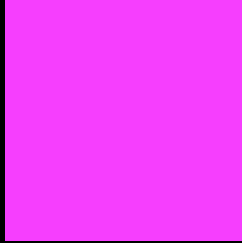
Large Text (above 18pt) WCAG AA × Fail

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 57.6181, 30.1938, 96.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

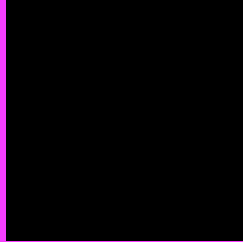
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6181, 30.1938, 96.5571

Background



This preview shows how black text looks on a background with the XYZ color 57.6181, 30.1938, 96.5571.



This preview shows how white text looks on a background with the XYZ color 57.6181, 30.1938,

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

57.6181, 30.1938, 96.5571

Protanopia

33.5844, 30.4871, 98.7222

Deuteranopia

31.5028, 30.5965, 87.4644



Tritanopia

41.8175, 29.7674, 21.3110

Trichromacy



Original Color

57.6181, 30.1938, 96.5571



Protanomaly

37.3176, 26.2538, 97.7084



Deuteranomaly

35.6907, 26.0947, 90.3445

Tritanomaly

45.7562, 28.7028, 40.6647

Monochromacy



Original Color

57.6181, 30.1938, 96.5571



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

32.3850, 24.1701, 46.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6181, 30.1938, 96.5571 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(246, 62, 254)` looks like.

```
.text, #text, p{  
    color:rgb(246, 62, 254)  
}
```

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(246, 62, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 62, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.6181, 30.1938, 96.5571 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(246, 62, 254) }
```


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

```
.border{ border-color:rgb(246, 62, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 62, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 62, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 62, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 62,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6181, 30.1938, 96.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 62, 254) }
```

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

```
.background{ background-color: rgb(246, 62,  
254) }
```

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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