

# Converting Colors

XYZ(57.6855, 28.1381, 96.1587)

Have a look what the booklet for  
XYZ(57.6855, 28.1381, 96.1587)  
contains.

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# Color

**XYZ(57.6201, 28.0925,  
96.1514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA17FE
RGB	250, 23, 254
RGB Percent	98%, 9%, 100%
CMY	0.0196, 0.9097, 0.0039
CMYK	0.02, 0.91, 0.00, 0.00
HSL	299°, 99%, 54%
HSV	299°, 91%, 100%
XYZ	57.6201, 28.0925, 96.1514
YIQ	117.2070, 61.1410, 119.9650

# Conversions

## Conversions Part 2

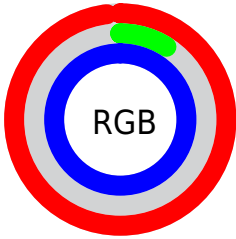
Format	Color
R <sub>Y</sub> B	250, 23, 254
Decimal	16390142
CIE Lab	59.97, 95.70, -60.89
CIE LCh	60, 113.434, 327.533
Yxy	28.0925, 0.3168, 0.1545
Android (android.graphics.Color)	4294580222 (0xFFFA17FE)
YUV	117.2070, 67.4389, 116.4595
Hunter-Lab	53.0024, 101.2974, -70.4561

# Details

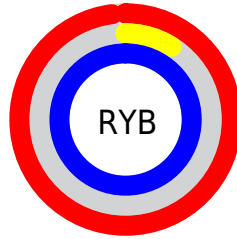
The XYZ color **57.6201, 28.0925, 96.1514** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.0494, 71.1792, 12.6508**, and the grayscale version is **16.7613, 17.6341, 19.2036**.

A 20% lighter version of the original color is **64.7586, 39.4173, 98.8029**, and **30.7028, 14.6769, 53.4393** is the 20% darker color. If you saturate the color by 10%, you get **57.1717, 27.4065, 96.0430**, and if you desaturate by 10%, it is **58.5465, 29.7101, 96.4152**.

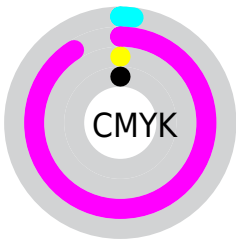
# Distribution



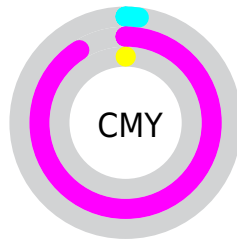
- Red (98%)
- Green (9%)
- Blue (100%)



- Red (98%)
- Yellow (9%)
- Blue (100%)



- Cyan (2%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (91%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6201, 28.0925, 96.1514 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 57.6201, 28.0925, 96.1514 by changing the saturation by 10% instead.




 57.6201, 28.0925,  
96.1514


 57.6201, 28.0925,  
96.1514


405.7456,  
292.9087, 568.9228


 41.7454, 18.3954,  
72.4915

 100.4956, 56.6321,  
157.8636


 29.0922, 11.2342,  
53.0710


 128.2271, 76.2434,  
196.7529


 19.2952, 6.2246,  
37.4713


 160.6415, 99.9282,  
241.5559

 11.9891, 2.9821,  
25.2740

 198.1042,  
128.0709, 292.6909

 6.8084, 1.1224,  
16.0604

 240.9807,  
161.0559, 350.5765

 3.3878, 0.0000,  
9.4121

289.6361,

 1.3620, 0.0000,

199.2676, 415.6314

4.9105

344.4360,  
243.0904, 488.2739

■ 0.2289, 0.0000,  
2.1370

■ 0.0000, 0.0000,  
0.6377

■ 57.6201, 28.0925,  
96.1514

■ 57.6201, 28.0925,  
96.1514

■ 57.1717, 27.4065,  
96.0430

■ 58.5465, 29.7101,  
96.4152

■ 60.0673, 32.5169,  
96.8768

■ 62.2718, 36.6906,  
97.5662

■ 65.2337, 42.3785,  
98.5080

69.0170, 49.7087,  
99.7234

73.6790, 58.7958,  
101.2317

79.2720, 69.7443,  
103.0502

85.8440, 82.6502,  
105.1949

93.4398, 97.6033,  
107.6808

# Harmonies

## Analogous

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



41.6911, 28.0925, 169.0190



57.6201, 28.0925, 96.1514



65.1235, 28.0925, 34.1378

# Triad

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



57.6201, 28.0925, 96.1514



27.9134, 28.0925, 0.0000



8.8800, 28.0925, 83.9895

# Complementary

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



57.6201, 28.0925, 96.1514



36.0494, 71.1792, 12.6508

# 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.



7.4664, 28.0925, 27.2932



57.6201, 28.0925, 96.1514



15.8188, 28.0925, 0.1967

# Square

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



57.6201, 28.0925, 96.1514



44.5379, 28.0925, 0.5381



9.4658, 28.0925, 4.6871



14.4039, 28.0925, 158.5513



# Rectangle

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



57.6201, 28.0925, 96.1514



62.8612, 28.0925, 12.3506



9.4658, 28.0925, 4.6871



8.0197, 28.0925, 61.3162

# Sweetspot

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



57.6213, 28.0938, 96.1520



76.4434, 63.4357, 102.8230



18.7261, 8.3037, 94.3821



15.9691, 12.8095, 21.8808



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.



57.6213, 28.0938, 96.1520



57.6845, 27.6523, 96.9049



46.3848, 23.7665, 29.4229



18.7598, 18.2834, 22.7903



30.1555, 14.4562, 50.6355



2.9457, 1.4125, 4.9307



# Inverse Universe

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



41.3781, 21.7638, 3.0582



41.2642, 21.2697, 2.0574



39.8798, 72.6999, 33.3367



18.0221, 17.9922, 18.7338



21.5669, 11.1161, 1.1040



2.1042, 1.0840, 0.1300



# Previews

## White Background



This preview shows how the XYZ color 57.6201, 28.0925, 96.1514 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

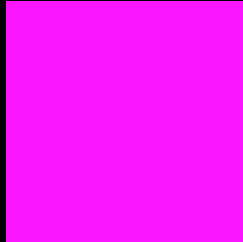
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 57.6201, 28.0925, 96.1514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

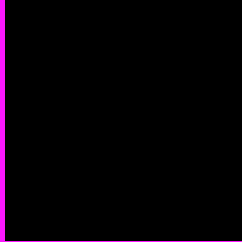
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# XYZ 57.6201, 28.0925, 96.1514

## Background



This preview shows how black text looks on a background with the XYZ color 57.6201, 28.0925, 96.1514.



This preview shows how white text looks on a background with the XYZ color 57.6201, 28.0925,



# 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

57.6201, 28.0925, 96.1514

### Protanopia

31.7913, 28.4434, 98.4223

### Deuteranopia

29.5150, 28.6746, 85.6405



## Tritanopia

41.2921, 27.8825, 17.3929

# Trichromacy



## Original Color

57.6201, 28.0925, 96.1514



## Protanomaly

34.6304, 22.2513, 97.0774



## Deuteranomaly

32.4844, 21.7683, 88.0775



## Tritanomaly

44.7507, 25.8636, 36.3518

# Monochromacy



## Original Color

57.6201, 28.0925, 96.1514



## Achromatopsia

16.9083, 17.7888, 19.3720



## Achromatomaly

25.5854, 16.9759, 38.4874

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.6201, 28.0925, 96.1514 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(250, 23, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 23, 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(250, 23, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 23, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 57.6201, 28.0925, 96.1514 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(250, 23, 254) }
```



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

```
.border{ border-color:rgb(250, 23, 254) }
```

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

Here you see how a box with a 4 pixel rgb(250, 23, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 23, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 23, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 23,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.6201, 28.0925, 96.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 23, 254) }
```

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

```
.background{ background-color: rgb(250, 23,  
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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