

Converting Colors

XYZ(58.4723, 28.7281, 90.9007)

Have a look what the booklet for
XYZ(58.4723, 28.7281, 90.9007)
contains.

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Color

**XYZ(58.5527, 28.7761,
91.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AF8
RGB	255, 26, 248
RGB Percent	100%, 10%, 97%
CMY	0.0000, 0.8979, 0.0274
CMYK	0.00, 0.90, 0.03, 0.00
HSL	302°, 100%, 55%
HSV	302°, 90%, 100%
XYZ	58.5527, 28.7761, 91.2752
YIQ	119.7790, 65.2220, 117.5900

Conversions

Conversions Part 2

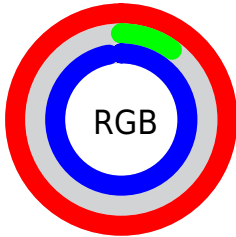
Format	Color
R _Y B	255, 26, 248
Decimal	16718584
CIE Lab	60.58, 95.34, -56.54
CIE LCh	61, 110.844, 329.331
Yxy	28.7761, 0.3278, 0.1611
Android (android.graphics.Color)	4294908664 (0xFFFF1AF8)
YUV	119.7790, 63.2130, 118.5888
Hunter-Lab	53.6434, 100.9601, -63.3327

Details

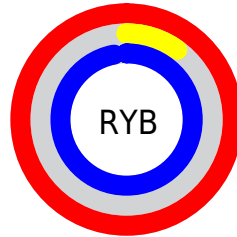
The XYZ color **58.5527, 28.7761, 91.2752** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36.4614, 71.8499, 13.3872**, and the grayscale version is **17.5767, 18.4920, 20.1378**.

A 20% lighter version of the original color is **64.9744, 39.8489, 98.8748**, and **31.3963, 15.0990, 50.5499** is the 20% darker color. If you saturate the color by 10%, you get **58.0683, 28.0004, 90.5186**, and if you desaturate by 10%, it is **59.5114, 30.4995, 92.1931**.

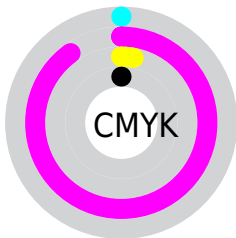
Distribution



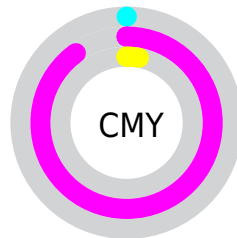
- Red (100%)
- Green (10%)
- Blue (97%)



- Red (100%)
- Yellow (10%)
- Blue (97%)



- Cyan (0%)
- Magenta (90%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (90%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5527, 28.7761, 91.2752 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 58.5527, 28.7761, 91.2752 by changing the saturation by 10% instead.


 58.5527, 28.7761,
91.2752


 58.5527, 28.7761,
91.2752

409.1630,
296.1571, 552.8471

 42.4981, 18.9115,
68.4591

 101.8456, 57.7212,
151.0594

 29.6844, 11.6064,
49.8023


 129.8147, 77.5704,
188.8646


 19.7460, 6.4762,
34.8863


 162.4860,
101.5167, 232.5032

 12.3177, 3.1368,
23.2924

 200.2248,
129.9444, 282.3939

 7.0342, 1.2035,
14.6023

 243.3966,
163.2379, 338.9550

 3.5300, 0.0646,
8.3972

292.3667,

 1.4398, 0.0000,

201.7815, 402.6053

4.2588

347.5003,
245.9598, 473.7631

■ 0.2843, 0.0000,
1.7683

■ 0.0000, 0.0000,
0.4069

■ 58.5527, 28.7761,
91.2752

■ 58.5527, 28.7761,
91.2752

■ 58.0683, 28.0004,
90.5186

■ 59.5114, 30.4995,
92.1931

■ 58.0602, 27.9881,
90.5037

■ 61.0818, 33.4455,
93.3170

■ 63.3515, 37.7893,
94.6765

■ 66.3935, 43.6769,
96.2959

70.2716, 51.2359,
98.1965

75.0430, 60.5808,
100.3974

80.7600, 71.8159,
102.9160

87.4706, 85.0374,
105.7683

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



43.1891, 28.7761, 162.7509



58.5527, 28.7761, 91.2752



65.1868, 28.7761, 32.2626

Triad

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



58.5527, 28.7761, 91.2752



27.6738, 28.7761, 0.0000



9.6762, 28.7761, 88.0589

Complementary

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



58.5527, 28.7761, 91.2752



36.4614, 71.8499, 13.3872

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.



8.0156, 28.7761, 30.4200



58.5527, 28.7761, 91.2752



15.9526, 28.7761, 0.5467

Square

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



58.5527, 28.7761, 91.2752



43.9490, 28.7761, 0.6372



9.8381, 28.7761, 5.8579



15.5668, 28.7761, 160.0033

Rectangle

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



58.5527, 28.7761, 91.2752



62.4576, 28.7761, 11.7981



9.8381, 28.7761, 5.8579



8.7198, 28.7761, 65.3833

Sweetspot

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



58.5533, 28.7772, 91.2757



76.5435, 63.5262, 101.0686



18.9507, 8.2334, 95.1981



15.9932, 12.8313, 21.4581



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.



58.5533, 28.7772, 91.2757



58.0602, 27.9881, 90.5037



46.1034, 23.7972, 25.7159



18.7673, 18.2902, 22.6576



30.3484, 14.6287, 47.3468



2.9622, 1.4272, 4.6482

Inverse Universe

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



58.5533, 28.7772, 91.2757



58.0602, 27.9881, 90.5037



41.2457, 73.7636, 38.5811



18.7673, 18.2902, 22.6576



30.3484, 14.6287, 47.3468



2.9622, 1.4272, 4.6482

Previews

White Background



This preview shows how the XYZ color 58.5527, 28.7761, 91.2752 looks on a white background.

Color Contrast Check

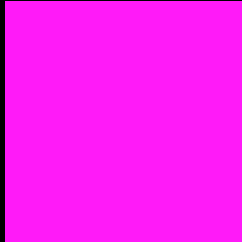
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.5527, 28.7761, 91.2752 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 58.5527, 28.7761, 91.2752

Background



This preview shows how black text looks on a background with the XYZ color 58.5527, 28.7761, 91.2752.



This preview shows how white text looks on a background with the XYZ color 58.5527, 28.7761,

91.2752.

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

58.5527, 28.7761, 91.2752

Protanopia

32.3867, 29.1921, 98.5354

Deuteranopia

30.0715, 29.2920, 81.1598



Tritanopia

42.9985, 28.4896, 16.8684

Trichromacy



Original Color

58.5527, 28.7761, 91.2752



Protanomaly

35.0768, 22.8180, 94.6510



Deuteranomaly

33.6093, 22.7436, 83.5075



Tritanomaly

46.1451, 26.5158, 35.0337

Monochromacy



Original Color

58.5527, 28.7761, 91.2752



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

26.6650, 17.8806, 38.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5527, 28.7761, 91.2752 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(255, 26, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 248)  
}
```

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(255, 26, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 248) }
```

Border

The CSS property to change the border of an element to XYZ 58.5527, 28.7761, 91.2752 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(255, 26, 248) }
```


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

```
.border{ border-color:rgb(255, 26, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5527, 28.7761, 91.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 248) }
```

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

```
.background{ background-color: rgb(255, 26,  
248) }
```

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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