

Converting Colors

XYZ(56.1545, 27.9681, 78.2057)

Have a look what the booklet for
XYZ(56.1545, 27.9681, 78.2057)
contains.

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Color

**XYZ(56.1281, 27.9581,
78.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1EE7
RGB	255, 30, 231
RGB Percent	100%, 12%, 91%
CMY	0.0000, 0.8823, 0.0941
CMYK	0.00, 0.88, 0.09, 0.00
HSL	306°, 100%, 56%
HSV	306°, 88%, 100%
XYZ	56.1281, 27.9581, 78.0395
YIQ	120.1890, 69.5790, 110.2110

Conversions

Conversions Part 2

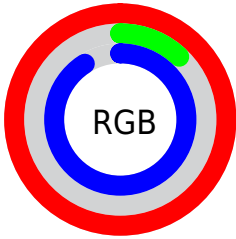
Format	Color
R _Y B	255, 30, 231
Decimal	16719591
CIE _{Lab}	59.85, 92.54, -48.21
CIE _{LCh}	60, 104.346, 332.484
Yxy	27.9581, 0.3462, 0.1724
Android (android.graphics.Color)	4294909671 (0xFFFF1EE7)
YUV	120.1890, 54.6298, 118.2292
Hunter-Lab	52.8754, 96.9486, -50.4941

Details

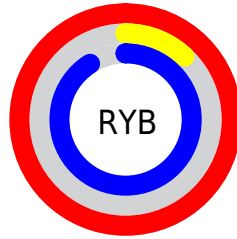
The XYZ color **56.1281, 27.9581, 78.0395** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36.9625, 72.0629, 15.4542**, and the grayscale version is **17.7323, 18.6557, 20.3161**.

A 20% lighter version of the original color is **65.0842, 40.0683, 98.9114**, and **29.7302, 14.4326, 41.7763** is the 20% darker color. If you saturate the color by 10%, you get **55.3316, 26.9752, 75.8934**, and if you desaturate by 10%, it is **57.4423, 29.9668, 80.3883**.

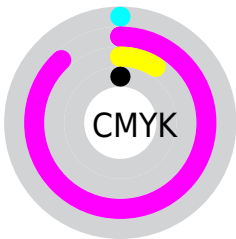
Distribution



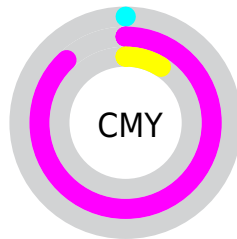
- Red (100%)
- Green (12%)
- Blue (91%)



- Red (100%)
- Yellow (12%)
- Blue (91%)



- Cyan (0%)
- Magenta (88%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (88%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1281, 27.9581, 78.0395 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 56.1281, 27.9581, 78.0395 by changing the saturation by 10% instead.


 56.1281, 27.9581,
78.0395


 56.1281, 27.9581,
78.0395

400.2413,
292.2666, 507.8324

 40.5430, 18.2941,
57.5898


 98.3306, 56.4175,
132.3922


 28.1483, 11.1613,
41.0664


 125.6787, 75.9817,
167.1322

 18.5785, 6.1755,
28.0509


 157.6786, 99.6148,
207.4728

 11.4683, 2.9521,
18.1247

 194.6955,
127.7011, 253.8324

 6.4524, 1.1068,
10.8692

 237.0949,
160.6250, 306.6297

 3.1653, 0.0000,
5.8659

285.2421,

 1.2418, 0.0000,

198.7710, 366.2831

2.6962

339.5024,
242.5234, 433.2111

■ 0.1390, 0.0000,
0.9415

■ 0.0000, 0.0000,
0.0000

■ 56.1281, 27.9581,
78.0395

■ 56.1281, 27.9581,
78.0395

■ 55.3316, 26.9752,
75.8934

■ 57.4423, 29.9668,
80.3883

■ 55.2155, 26.8502,
75.5241

■ 59.3886, 33.2301,
82.9771

■ 62.0519, 37.9177,
85.8346

■ 65.5036, 44.1724,
88.9847

69.8063, 52.1195,
92.4485

75.0164, 61.8717,
96.2449

81.1855, 73.5319,
100.3912

88.3611, 87.1954,
104.9033

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.



42.7140, 27.9581, 142.5588



56.1281, 27.9581, 78.0395



60.9589, 27.9581, 27.3912

Triad

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



56.1281, 27.9581, 78.0395



25.4857, 27.9581, 0.0000



10.3707, 27.9581, 88.7414

Complementary

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



56.1281, 27.9581, 78.0395



36.9625, 72.0629, 15.4542

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.



8.3978, 27.9581, 33.7105



56.1281, 27.9581, 78.0395



15.1171, 27.9581, 1.0639

Square

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



56.1281, 27.9581, 78.0395



40.1462, 27.9581, 0.7445



9.7928, 27.9581, 7.6620



16.4668, 27.9581, 151.5835

Rectangle

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



56.1281, 27.9581, 78.0395



57.6965, 27.9581, 10.2133



9.7928, 27.9581, 7.6620



9.3156, 27.9581, 67.6760

Sweetspot

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



56.1287, 27.9593, 78.0400



76.3051, 64.2991, 97.1371



19.9580, 8.8937, 95.2725



15.9077, 12.9630, 20.4958



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.



56.1287, 27.9593, 78.0400



55.2155, 26.8502, 75.5241



45.0959, 23.5461, 19.9417



18.7043, 18.2650, 22.3257



28.8850, 14.0433, 39.6405



2.8354, 1.3765, 3.9805

Inverse Universe

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



56.1287, 27.9593, 78.0400



55.2155, 26.8502, 75.5241



43.0885, 74.5133, 47.7132



18.7043, 18.2650, 22.3257



28.8850, 14.0433, 39.6405



2.8354, 1.3765, 3.9805

Previews

White Background



This preview shows how the XYZ color 56.1281, 27.9581, 78.0395 looks on a white background.

Color Contrast Check

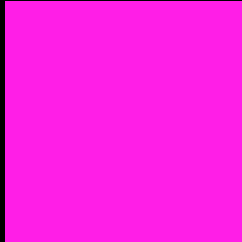
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.1281, 27.9581, 78.0395 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 56.1281, 27.9581, 78.0395

Background



This preview shows how black text looks on a background with the XYZ color 56.1281, 27.9581, 78.0395.



This preview shows how white text looks on a background with the XYZ color 56.1281, 27.9581,

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

56.1281, 27.9581, 78.0395

Protanopia

31.7913, 28.4434, 98.4223

Deuteranopia

29.0532, 28.3358, 69.5837



Tritanopia

42.9209, 27.8028, 15.1609

Trichromacy



Original Color

56.1281, 27.9581, 78.0395



Protanomaly

33.8659, 22.4452, 89.7362



Deuteranomaly

33.1393, 22.7610, 71.7539



Tritanomaly

45.9563, 26.4188, 30.6941

Monochromacy



Original Color

56.1281, 27.9581, 78.0395



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

26.1155, 17.7895, 35.3150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1281, 27.9581, 78.0395 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, 30, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 30, 231)  
}
```

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, 30, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 30, 231) }
```

Border

The CSS property to change the border of an element to XYZ 56.1281, 27.9581, 78.0395 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, 30, 231) }
```


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

```
.border{ border-color:rgb(255, 30, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 30, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 30, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 30, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 30,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1281, 27.9581, 78.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 30, 231) }
```

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

```
.background{ background-color: rgb(255, 30,  
231) }
```

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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