

Converting Colors

XYZ(52.4835, 27.0151, 57.2604)

Have a look what the booklet for XYZ(52.4835, 27.0151, 57.2604) contains.

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Color

**XYZ(52.4583, 27.0160,
57.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	FF29C8
RGB	255, 41, 200
RGB Percent	100%, 16%, 78%
CMY	0.0000, 0.8391, 0.2157
CMYK	0.00, 0.84, 0.22, 0.00
HSL	315°, 100%, 58%
HSV	315°, 84%, 100%
XYZ	52.4583, 27.0160, 57.0933
YIQ	123.1120, 76.5050, 94.8170

Conversions

Conversions Part 2

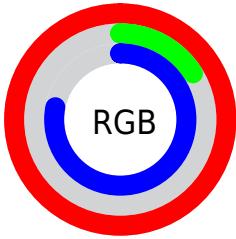
Format	Color
R _Y B	255, 41, 200
Decimal	16722376
CIE Lab	58.99, 86.91, -31.99
CIE LCh	59, 92.607, 339.795
Yxy	27.0160, 0.3841, 0.1978
Android (android.graphics.Color)	4294912456 (0xFFFF29C8)
YUV	123.1120, 37.9058, 115.6658
Hunter-Lab	51.9769, 89.1936, -28.7424

Details

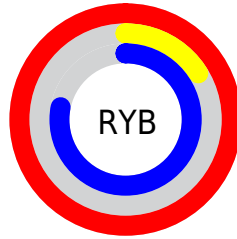
The XYZ color **52.4583, 27.0160, 57.0933** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **38.7873, 72.8366, 23.0852**, and the grayscale version is **18.7279, 19.7033, 21.4569**.

A 20% lighter version of the original color is **65.4207, 40.7415, 99.0236**, and **27.1806, 13.4128, 28.3505** is the 20% darker color. If you saturate the color by 10%, you get **51.0937, 25.4867, 52.9399**, and if you desaturate by 10%, it is **54.4267, 29.7005, 61.6106**.

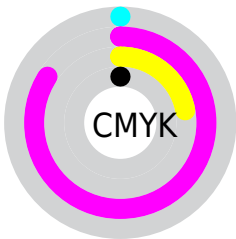
Distribution



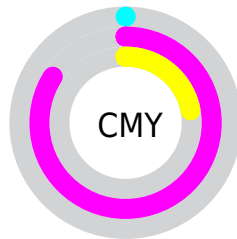
- Red (100%)
- Green (16%)
- Blue (78%)



- Red (100%)
- Yellow (16%)
- Blue (78%)



- Cyan (0%)
- Magenta (84%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4583, 27.0160, 57.0933 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 52.4583, 27.0160, 57.0933 by changing the saturation by 10% instead.


 52.4583, 27.0160,
57.0933

 52.4583, 27.0160,
57.0933

386.4983,
287.7346, 431.3024


 37.5963, 17.5852,
40.6703


 92.9770, 54.9095,
102.1030


 25.8453, 10.6526,
27.7438


 119.3644, 74.1411,
131.5268

 16.8400, 5.8338,
17.8953


 150.3243, 97.4084,
166.1212

 10.2151, 2.7443,
10.7062

 186.2220,
125.0958, 206.3049

 5.6051, 0.9997,
5.7579

 227.4229,
157.5878, 252.4963

 2.6449, 0.0000,
2.6321

274.2923,

 0.9689, 0.0000,

195.2686, 305.1139

0.9089

327.1957,
238.5227, 364.5765

■ 0.0000, 0.0000,
0.0000

■ 52.4583, 27.0160,
57.0933

■ 52.4583, 27.0160,
57.0933

■ 51.0937, 25.4867,
52.9399

■ 54.4267, 29.7005,
61.6106

■ 50.4751, 24.9540,
50.5612

■ 57.0928, 33.7271,
66.5241

■ 60.5355, 39.2531,
71.8625

■ 64.8225, 46.4133,
77.6501

■ 70.0138, 55.3271,
83.9089

76.1640, 66.1029,
90.6588

83.3230, 78.8403,
97.9184

91.5375, 93.6316,
105.7049

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.



42.5525, 27.0160, 109.6120



52.4583, 27.0160, 57.0933



54.1449, 27.0160, 19.9201

Triad

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



52.4583, 27.0160, 57.0933



22.1034, 27.0160, 0.7305



12.1792, 27.0160, 91.2518

Complementary

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



52.4583, 27.0160, 57.0933



38.7873, 72.8366, 23.0852

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.



9.4915, 27.0160, 41.5320



52.4583, 27.0160, 57.0933



13.9839, 27.0160, 2.6745

Square

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



52.4583, 27.0160, 57.0933



34.0800, 27.0160, 1.0363



10.0355, 27.0160, 12.5399



18.7845, 27.0160, 137.5412

Rectangle

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



52.4583, 27.0160, 57.0933



49.9877, 27.0160, 7.8602



10.0355, 27.0160, 12.5399



10.8922, 27.0160, 73.3278

Sweetspot

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



52.4589, 27.0173, 57.0938



75.4484, 64.8400, 89.9018



23.5125, 11.2141, 95.5330



15.6706, 13.0371, 18.7270



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.



52.4589, 27.0173, 57.0938



50.4751, 24.9540, 50.5612



44.0771, 23.6645, 12.9555



18.5815, 18.2159, 21.6794



26.4383, 13.0646, 26.7561



2.6186, 1.2898, 2.8390

Inverse Universe

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



52.4589, 27.0173, 57.0938



50.4751, 24.9540, 50.5612



47.2773, 76.2326, 67.7926



18.5815, 18.2159, 21.6794



26.4383, 13.0646, 26.7561



2.6186, 1.2898, 2.8390

Previews

White Background



This preview shows how the XYZ color 52.4583, 27.0160, 57.0933 looks on a white background.

Color Contrast Check

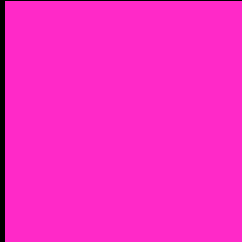
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4583, 27.0160, 57.0933 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 52.4583, 27.0160, 57.0933

Background



This preview shows how black text looks on a background with the XYZ color 52.4583, 27.0160, 57.0933.



This preview shows how white text looks on a background with the XYZ color 52.4583, 27.0160,

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

52.4583, 27.0160, 57.0933

Protanopia

31.1204, 27.6637, 98.3071

Deuteranopia

27.8153, 27.2123, 51.3634



Tritanopia

43.2222, 27.0037, 12.8317

Trichromacy



Original Color

52.4583, 27.0160, 57.0933



Protanomaly

31.8783, 21.9017, 81.1445



Deuteranomaly

32.3692, 22.9365, 52.5903



Tritanomaly

45.3538, 26.1587, 24.1315

Monochromacy



Original Color

52.4583, 27.0160, 57.0933



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

26.2949, 18.7210, 31.5058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4583, 27.0160, 57.0933 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, 41, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 200)  
}
```

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, 41, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.4583, 27.0160, 57.0933 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, 41, 200) }
```


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

```
.border{ border-color:rgb(255, 41, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4583, 27.0160, 57.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 200) }
```

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

```
.background{ background-color: rgb(255, 41,  
200) }
```

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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