

Converting Colors

XYZ(51.3688, 27.0666, 54.3883)

Have a look what the booklet for
XYZ(51.3688, 27.0666, 54.3883)
contains.

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Color

**XYZ(51.1790, 27.0032,
54.1445)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC33C3 |
| RGB | 252, 51, 195 |
| RGB Percent | 99%, 20%, 76% |
| CMY | 0.0118, 0.7999, 0.2353 |
| CMYK | 0.00, 0.80, 0.23, 0.01 |
| HSL | 317°, 97%, 59% |
| HSV | 317°, 80%, 99% |
| XYZ | 51.1790, 27.0032, 54.1445 |
| YIQ | 127.5150, 73.5720, 87.3960 |

Conversions

Conversions Part 2

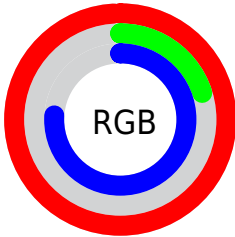
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 51, 195 |
| Decimal | 16528323 |
| CIE Lab | 58.98, 83.60, -29.18 |
| CIE LCh | 59, 88.544, 340.758 |
| Yxy | 27.0032, 0.3868, 0.2041 |
| Android (android.graphics.Color) | 4294718403 (0xFFFC33C3) |
| YUV | 127.5150, 33.2701, 109.1733 |
| Hunter-Lab | 51.9646, 84.8634, -25.4020 |

Details

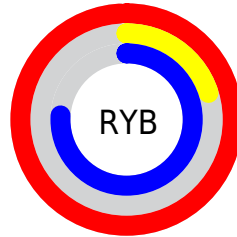
The XYZ color **51.1790, 27.0032, 54.1445** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **38.8841, 71.4083, 25.9252**, and the grayscale version is **20.2237, 21.2769, 23.1705**.

A 20% lighter version of the original color is **65.5272, 41.7212, 96.6948**, and **26.2936, 12.9995, 26.3226** is the 20% darker color. If you saturate the color by 10%, you get **49.5717, 25.0507, 49.7169**, and if you desaturate by 10%, it is **53.4224, 30.1653, 58.9754**.

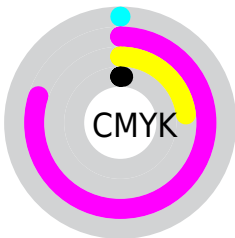
Distribution



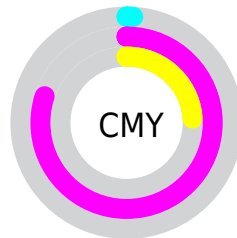
- Red (99%)
- Green (20%)
- Blue (76%)



- Red (99%)
- Yellow (20%)
- Blue (76%)



- Cyan (0%)
- Magenta (80%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1790, 27.0032, 54.1445 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 51.1790, 27.0032, 54.1445 by changing the saturation by 10% instead.


 51.1790, 27.0032,
54.1445

 51.1790, 27.0032,
54.1445


381.6351,
287.6726, 419.8510


 36.5727, 17.5756,
38.3232


 91.1007, 54.8890,
97.7449


 25.0490, 10.6457,
25.9299


 117.1469, 74.1160,
126.3612


 16.2425, 5.8292,
16.5459


 147.7370, 97.3783,
160.0795

 9.7878, 2.7415,
9.7527

 183.2365,
125.0603, 199.3184

 5.3197, 0.9983,
5.1319

 224.0107,
157.5463, 244.4965

 2.4727, 0.0000,
2.2648

270.4249,

 0.8815, 0.0000,

195.2207, 296.0322

0.7114

322.8446,
238.4681, 354.3442

■ 0.0000, 0.0000,
0.0000

■ 51.1790, 27.0032,
54.1445

■ 51.1790, 27.0032,
54.1445

■ 49.5717, 25.0507,
49.7169

■ 53.4224, 30.1653,
58.9754

■ 48.4621, 24.0330,
45.6432

■ 56.3842, 34.7017,
64.2390


■ 48.4376, 24.0126,
45.5470

■ 60.1365, 40.7557,
69.9620

■ 64.7419, 48.4514,
76.1679

■ 70.2564, 57.9002,
82.8777

 76.7312, 69.2036,
90.1109

 84.2135, 82.4552,
97.8855

 92.7473, 97.7426,
106.2186

 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



42.0488, 27.0032, 103.0143



51.1790, 27.0032, 54.1445



52.4692, 27.0032, 19.5047

Triad

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



51.1790, 27.0032, 54.1445



21.9258, 27.0032, 1.0290



12.7733, 27.0032, 89.1133

Complementary

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



51.1790, 27.0032, 54.1445



38.8841, 71.4083, 25.9252

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.



10.0188, 27.0032, 42.1830



51.1790, 27.0032, 54.1445



14.2097, 27.0032, 3.2756

Square

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



51.1790, 27.0032, 54.1445



33.2644, 27.0032, 1.2968



10.4564, 27.0032, 13.6478



19.3225, 27.0032, 131.2816

Rectangle

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



51.1790, 27.0032, 54.1445



48.3967, 27.0032, 8.0636



10.4564, 27.0032, 13.6478



11.4708, 27.0032, 72.3868

Sweetspot

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



51.1799, 27.0046, 54.1450



75.8676, 65.9067, 89.3372



24.9348, 12.5829, 93.2103



15.7394, 13.2364, 18.5592



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.



51.1799, 27.0046, 54.1450



50.1684, 25.0085, 48.4004



43.3752, 23.8827, 13.0460



17.7708, 17.4357, 20.6489



25.2981, 12.5350, 24.0759



2.3885, 1.1791, 2.4692

Inverse Universe

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



51.1799, 27.0046, 54.1450



50.1684, 25.0085, 48.4004



47.6176, 74.9017, 71.9152



17.7708, 17.4357, 20.6489



25.2981, 12.5350, 24.0759



2.3885, 1.1791, 2.4692

Previews

White Background



This preview shows how the XYZ color 51.1790, 27.0032, 54.1445 looks on a white background.

Color Contrast Check

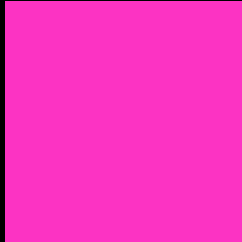
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.1790, 27.0032, 54.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

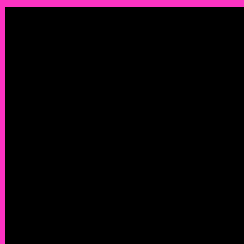
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.1790, 27.0032, 54.1445

Background



This preview shows how black text looks on a background with the XYZ color 51.1790, 27.0032, 54.1445.



This preview shows how white text looks on a background with the XYZ color 51.1790, 27.0032,

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

51.1790, 27.0032, 54.1445

Protanopia

31.1204, 27.6637, 98.3071

Deuteranopia

27.8613, 27.2852, 49.1455



Tritanopia

42.7737, 27.0029, 13.3136

Trichromacy



Original Color

51.1790, 27.0032, 54.1445



Protanomaly

31.8197, 22.5096, 79.7585



Deuteranomaly

32.5711, 23.7031, 50.4354



Tritanomaly

44.9031, 26.4180, 23.8516

Monochromacy



Original Color

51.1790, 27.0032, 54.1445



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

27.4582, 20.2656, 32.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1790, 27.0032, 54.1445 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(252, 51, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 51, 195)  
}
```

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(252, 51, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 51, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.1790, 27.0032, 54.1445 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(252, 51, 195) }
```


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

```
.border{ border-color:rgb(252, 51, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 51, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 51, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 51, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 51,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1790, 27.0032, 54.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 51, 195) }
```

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

```
.background{ background-color: rgb(252, 51,  
195) }
```

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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