

Converting Colors

XYZ(52.6256, 26.9872, 67.0773)

Have a look what the booklet for
XYZ(52.6256, 26.9872, 67.0773)
contains.

XYZ(52.6829, 27.0096, 67.4024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6829, 27.0096,
67.4024)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2BD8
RGB	250, 43, 216
RGB Percent	98%, 17%, 85%
CMY	0.0196, 0.8313, 0.1529
CMYK	0.00, 0.83, 0.14, 0.02
HSL	310°, 95%, 57%
HSV	310°, 83%, 98%
XYZ	52.6829, 27.0096, 67.4024
YIQ	124.6150, 67.8390, 97.6870

Conversions

Conversions Part 2

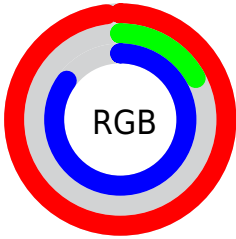
Format	Color
R _Y B	250, 43, 216
Decimal	16395224
CIE _{Lab}	58.98, 87.52, -41.17
CIE _{LCh}	59, 96.718, 334.807
Yxy	27.0096, 0.3582, 0.1836
Android (android.graphics.Color)	4294585304 (0xFFFA2BD8)
YUV	124.6150, 45.0528, 109.9626
Hunter-Lab	51.9708, 89.9971, -40.5154

Details

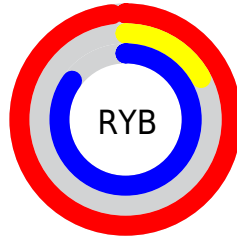
The XYZ color **52.6829, 27.0096, 67.4024** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **36.5230, 69.4218, 18.4990**, and the grayscale version is **19.2044, 20.2046, 22.0028**.

A 20% lighter version of the original color is **65.5354, 40.9708, 99.0618**, and **27.4193, 13.3920, 34.8580** is the 20% darker color. If you saturate the color by 10%, you get **51.5115, 25.5054, 64.4252**, and if you desaturate by 10%, it is **54.4252, 29.6333, 70.6358**.

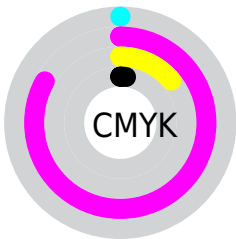
Distribution



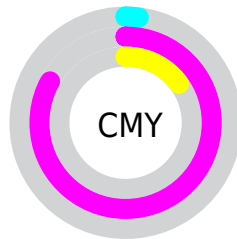
- Red (98%)
- Green (17%)
- Blue (85%)



- Red (98%)
- Yellow (17%)
- Blue (85%)



- Cyan (0%)
- Magenta (83%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (83%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6829, 27.0096, 67.4024 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 52.6829, 27.0096, 67.4024 by changing the saturation by 10% instead.


 52.6829, 27.0096,
67.4024


 52.6829, 27.0096,
67.4024

387.3482,
287.7036, 469.9162

 37.7762, 17.5804,
48.9481


 93.3059, 54.8993,
117.1429

 25.9854, 10.6492,
34.2130


 119.7528, 74.1286,
149.2662


 16.9454, 5.8315,
22.7786


 150.7772, 97.3934,
186.7829

 10.2906, 2.7429,
14.2263


 186.7444,
125.0780, 230.1115

 5.6558, 0.9990,
8.1377

 228.0197,
157.5670, 279.6706

 2.6756, 0.0000,
4.0942

274.9685,

 0.9846, 0.0000,

195.2447, 335.8787

1.6771

327.9562,
238.4954, 399.1544

■ 0.0000, 0.0000,
0.3450

■ 0.0000, 0.0000,
0.0000

■ 52.6829, 27.0096,
67.4024

■ 52.6829, 27.0096,
67.4024

■ 51.5115, 25.5054,
64.4252


■ 54.4252, 29.6333,
70.6358

■ 50.9252, 24.9244,
62.4059


■ 56.8240, 33.5491,
74.1537

■ 59.9531, 38.9040,
77.9815


■ 63.8758, 45.8244,
82.1407

 68.6483, 54.4226,
86.6505

 74.3217, 64.8007,
91.5283

 80.9431, 77.0526,
96.7903

 88.5563, 91.2656,
102.4515

 92.9080, 98.9335,
107.0947

Harmonies

Analogous

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



41.2021, 27.0096, 123.7102



52.6829, 27.0096, 67.4024



56.1664, 27.0096, 24.2177

Triad

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



52.6829, 27.0096, 67.4024



23.7887, 27.0096, 0.3718



11.0173, 27.0096, 85.4632

Complementary

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



52.6829, 27.0096, 67.4024



36.5230, 69.4218, 18.4990

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.



8.8737, 27.0096, 35.2934



52.6829, 27.0096, 67.4024



14.6357, 27.0096, 1.6878

Square

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



52.6829, 27.0096, 67.4024



36.7850, 27.0096, 0.9914



9.9547, 27.0096, 9.3102



17.0580, 27.0096, 138.6891

Rectangle

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



52.6829, 27.0096, 67.4024



52.7892, 27.0096, 9.4991



9.9547, 27.0096, 9.3102



9.9198, 27.0096, 66.7027

Sweetspot

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



52.6839, 27.0110, 67.4029



76.3348, 65.1945, 94.5695



20.9488, 10.0894, 91.2866



15.8848, 13.1228, 19.8547



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.



52.6839, 27.0110, 67.4029



53.3455, 26.1465, 65.5400



43.4102, 23.3015, 18.5686



17.8634, 17.4727, 21.1363



27.0579, 13.2389, 33.3432



2.5376, 1.2388, 3.2543

Inverse Universe

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



52.6839, 27.0110, 67.4029



53.3455, 26.1465, 65.5400



43.1742, 72.0823, 53.5239



17.8634, 17.4727, 21.1363



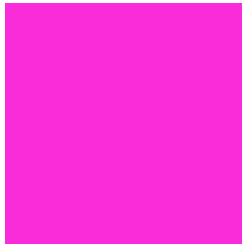
27.0579, 13.2389, 33.3432



2.5376, 1.2388, 3.2543

Previews

White Background



This preview shows how the XYZ color 52.6829, 27.0096, 67.4024 looks on a white background.

Color Contrast Check

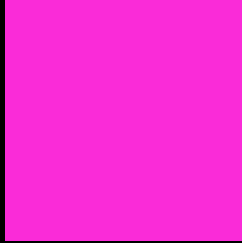
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6829, 27.0096, 67.4024 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 52.6829, 27.0096, 67.4024

Background



This preview shows how black text looks on a background with the XYZ color 52.6829, 27.0096, 67.4024.



This preview shows how white text looks on a background with the XYZ color 52.6829, 27.0096,

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

52.6829, 27.0096, 67.4024

Protanopia

31.0289, 27.6165, 98.3029

Deuteranopia

28.0317, 27.3313, 60.9248



Tritanopia

41.6284, 26.8869, 14.5509

Trichromacy



Original Color

52.6829, 27.0096, 67.4024



Protanomaly

32.5046, 22.2712, 85.8047



Deuteranomaly

32.3731, 22.8727, 62.3831



Tritanomaly

44.2186, 25.8753, 27.8632

Monochromacy



Original Color

52.6829, 27.0096, 67.4024



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

26.8413, 19.1991, 34.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6829, 27.0096, 67.4024 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, 43, 216)` looks like.

```
.text, #text, p{  
    color:rgb(250, 43, 216)  
}
```

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, 43, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 43, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.6829, 27.0096, 67.4024 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, 43, 216) }
```


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

```
.border{ border-color:rgb(250, 43, 216) }
```

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

Here you see how a box with a 4 pixel rgb(250, 43, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 43, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 43, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 43,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6829, 27.0096, 67.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 43, 216) }
```

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

```
.background{ background-color: rgb(250, 43,  
216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor