

Converting Colors

XYZ(52.7985, 29.0950, 52.8963)

Have a look what the booklet for
XYZ(52.7985, 29.0950, 52.8963)
contains.

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Color

**XYZ(52.7616, 29.0801,
52.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	FF43C0
RGB	255, 67, 192
RGB Percent	100%, 26%, 75%
CMY	0.0000, 0.7372, 0.2471
CMYK	0.00, 0.74, 0.25, 0.00
HSL	320°, 100%, 63%
HSV	320°, 74%, 100%
XYZ	52.7616, 29.0801, 52.7013
YIQ	137.4620, 71.9230, 78.7310

Conversions

Conversions Part 2

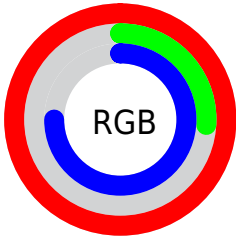
Format	Color
RYB	255, 67, 192
Decimal	16729024
CIELab	60.85, 79.67, -24.53
CIElCh	61, 83.356, 342.888
Yxy	29.0801, 0.3922, 0.2161
Android (android.graphics.Color)	4294919104 (0xFFFF43C0)
YUV	137.4620, 26.8872, 103.0808
Hunter-Lab	53.9260, 80.2754, -20.1953

Details

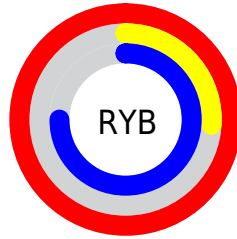
The XYZ color **52.7616, 29.0801, 52.7013** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.1056, 74.3257, 33.2503**, and the grayscale version is **23.8370, 25.0783, 27.3103**.

A 20% lighter version of the original color is **66.4552, 44.3322, 94.6769**, and **26.8356, 13.3043, 25.1984** is the 20% darker color. If you saturate the color by 10%, you get **50.6454, 26.3194, 47.4591**, and if you desaturate by 10%, it is **55.6009, 33.1990, 58.4564**.

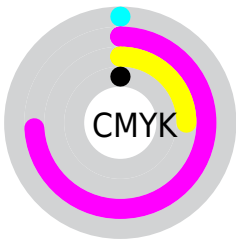
Distribution



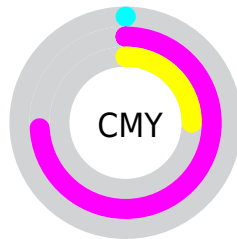
- Red (100%)
- Green (26%)
- Blue (75%)



- Red (100%)
- Yellow (26%)
- Blue (75%)



- Cyan (0%)
- Magenta (74%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7616, 29.0801, 52.7013 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 52.7616, 29.0801, 52.7013 by changing the saturation by 10% instead.


 52.7616, 29.0801,
52.7013


 52.7616, 29.0801,
52.7013

387.6457,
297.5927, 414.1718


 37.8392, 19.1414,
37.1783


 93.4211, 58.2043,
95.6018


 26.0346, 11.7725,
25.0487


 119.8889, 78.1587,
123.8163


 16.9823, 6.5890,
15.8940


 150.9358,
102.2203, 157.0984

 10.3171, 3.2064,
9.2956

 186.9273,
130.7738, 195.8667

 5.6736, 1.2404,
4.8351

 228.2287,
164.2033, 240.5396

 2.6864, 0.0944,
2.0938

275.2053,

 0.9902, 0.0000,

202.8934, 291.5358

0.6121

328.2225,
247.2284, 349.2736

■ 0.0000, 0.0000,
0.0000

■ 52.7616, 29.0801,
52.7013

■ 52.7616, 29.0801,
52.7013

■ 50.6454, 26.3194,
47.4591

■ 55.6009, 33.1990,
58.4564

■ 49.1544, 24.7225,
42.6918

■ 59.2398, 38.8277,
64.7534

■ 48.4525, 24.1450,
39.9106

■ 63.7470, 46.1020,
71.6200

■ 69.1828, 55.1414,
79.0804

■ 75.6022, 66.0544,
87.1572

83.0555, 78.9404,
95.8711

91.5897, 93.8919,
105.2419

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.



44.4106, 29.0801, 98.7266



52.7616, 29.0801, 52.7013



53.3764, 29.0801, 20.1175

Triad

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



52.7616, 29.0801, 52.7013



23.2421, 29.0801, 1.8319



14.9975, 29.0801, 92.2280

Complementary

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



52.7616, 29.0801, 52.7013



42.1056, 74.3257, 33.2503

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.



11.8814, 29.0801, 46.9495



52.7616, 29.0801, 52.7013



15.7326, 29.0801, 4.9604

Square

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



52.7616, 29.0801, 52.7013



34.2449, 29.0801, 2.0078



12.1096, 29.0801, 17.1344



21.9437, 29.0801, 129.9932

Rectangle

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



52.7616, 29.0801, 52.7013



49.1241, 29.0801, 9.0374



12.1096, 29.0801, 17.1344



13.5601, 29.0801, 76.4570

Sweetspot

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



52.7623, 29.0815, 52.7018



76.8097, 68.1286, 88.6107



29.2140, 15.9559, 96.1478



16.0361, 13.8884, 18.4779



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.



52.7623, 29.0815, 52.7018



49.9372, 25.5063, 45.3633



45.4687, 26.1641, 14.2942



18.5187, 18.1908, 21.3487



25.3898, 12.6452, 21.2350



2.5230, 1.2516, 2.3355

Inverse Universe

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



52.7623, 29.0815, 52.7018



49.9372, 25.5063, 45.3633



51.4852, 78.0776, 82.6426



18.5187, 18.1908, 21.3487



25.3898, 12.6452, 21.2350



2.5230, 1.2516, 2.3355

Previews

White Background



This preview shows how the XYZ color 52.7616, 29.0801, 52.7013 looks on a white background.

Color Contrast Check

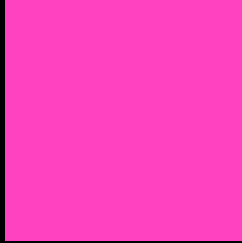
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.7616, 29.0801, 52.7013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

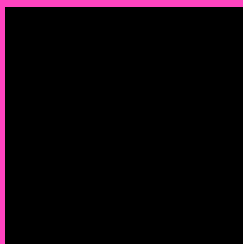
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.7616, 29.0801, 52.7013

Background



This preview shows how black text looks on a background with the XYZ color 52.7616, 29.0801, 52.7013.



This preview shows how white text looks on a background with the XYZ color 52.7616, 29.0801,

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

52.7616, 29.0801, 52.7013

Protanopia

32.7527, 29.6783, 95.2690

Deuteranopia

29.9184, 29.2532, 48.3255



Tritanopia

44.7989, 28.8982, 15.5287

Trichromacy



Original Color

52.7616, 29.0801, 52.7013



Protanomaly

34.4329, 25.3721, 77.9454



Deuteranomaly

34.8755, 26.2263, 49.6784



Tritanomaly

46.9759, 28.5422, 25.5876

Monochromacy



Original Color

52.7616, 29.0801, 52.7013



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

30.7024, 23.7260, 34.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7616, 29.0801, 52.7013 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, 67, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 192)  
}
```

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, 67, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.7616, 29.0801, 52.7013 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, 67, 192) }
```


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

```
.border{ border-color:rgb(255, 67, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7616, 29.0801, 52.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 192) }
```

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

```
.background{ background-color: rgb(255, 67,  
192) }
```

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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