

Converting Colors

XYZ(52.6120, 29.1119, 51.5723)

Have a look what the booklet for
XYZ(52.6120, 29.1119, 51.5723)
contains.

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Color

**XYZ(52.6014, 29.1119,
51.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF44BE
RGB	255, 68, 190
RGB Percent	100%, 27%, 75%
CMY	0.0000, 0.7333, 0.2549
CMYK	0.00, 0.73, 0.25, 0.00
HSL	321°, 100%, 63%
HSV	321°, 73%, 100%
XYZ	52.6014, 29.1119, 51.5620
YIQ	137.8210, 72.2900, 77.5860

Conversions

Conversions Part 2

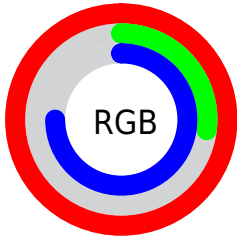
Format	Color
R _Y B	255, 68, 190
Decimal	16729278
CIE Lab	60.88, 79.13, -23.34
CIE LCh	61, 82.499, 343.567
Yxy	29.1119, 0.3947, 0.2184
Android (android.graphics.Color)	4294919358 (0xFFFF44BE)
YUV	137.8210, 25.7242, 102.7660
Hunter-Lab	53.9554, 79.5984, -18.8911

Details

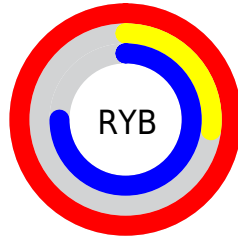
The XYZ color **52.6014, 29.1119, 51.5620** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **42.3790, 74.4431, 34.3295**, and the grayscale version is **23.9770, 25.2257, 27.4708**.

A 20% lighter version of the original color is **65.9909, 44.1464, 92.2318**, and **26.6921, 13.2469, 24.4426** is the 20% darker color. If you saturate the color by 10%, you get **50.4407, 26.2942, 46.2063**, and if you desaturate by 10%, it is **55.4925, 33.2960, 57.4525**.

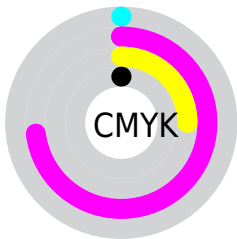
Distribution



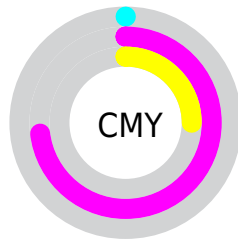
- Red (100%)
- Green (27%)
- Blue (75%)



- Red (100%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (73%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (73%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6014, 29.1119, 51.5620 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 52.6014, 29.1119, 51.5620 by changing the saturation by 10% instead.


 52.6014, 29.1119,
51.5620


 52.6014, 29.1119,
51.5620

387.0399,
297.7426, 409.6521


 37.7109, 19.1655,
36.2762

 93.1866, 58.2548,
93.9050


 25.9346, 11.7899,
24.3562


 119.6119, 78.2201,
121.7992


 16.9071, 6.6008,
15.3834


 150.6129,
102.2939, 154.7334

 10.2632, 3.2137,
8.9393

 186.5549,
130.8604, 193.1261

 5.6374, 1.2443,
4.6054

 227.8032,
164.3041, 237.3957

 2.6644, 0.0975,
1.9630

274.7233,

 0.9789, 0.0000,

203.0095, 287.9609

0.5324

327.6804,
247.3608, 345.2402

■ 0.0000, 0.0000,
0.0000

■ 52.6014, 29.1119,
51.5620

■ 52.6014, 29.1119,
51.5620

■ 50.4407, 26.2942,
46.2063

■ 55.4925, 33.2960,
57.4525

■ 48.9132, 24.6503,
41.3470

■ 59.1900, 38.9970,
63.9072

■ 48.1559, 24.0264,
38.3488

■ 63.7623, 46.3503,
70.9542

■ 69.2699, 55.4748,
78.6182

■ 75.7673, 66.4787,
86.9222

83.3050, 79.4610,
95.8875

91.9299, 94.5143,
105.5342

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.



44.4964, 29.1119, 96.8276



52.6014, 29.1119, 51.5620



53.0130, 29.1119, 19.7425

Triad

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



52.6014, 29.1119, 51.5620



23.0998, 29.1119, 1.9532



15.2349, 29.1119, 92.4874

Complementary

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



52.6014, 29.1119, 51.5620



42.3790, 74.4431, 34.3295

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.



12.0504, 29.1119, 47.7074



52.6014, 29.1119, 51.5620



15.7311, 29.1119, 5.2461

Square

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



52.6014, 29.1119, 51.5620



33.9376, 29.1119, 2.0752



12.2048, 29.1119, 17.7297



22.2258, 29.1119, 129.0969

Rectangle

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



52.6014, 29.1119, 51.5620



48.7085, 29.1119, 8.9432



12.2048, 29.1119, 17.7297



13.7755, 29.1119, 76.9750

Sweetspot

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



52.6021, 29.1133, 51.5625



76.7080, 68.0879, 88.0751



29.3761, 16.1284, 96.1725



16.0120, 13.8787, 18.3508



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.



52.6021, 29.1133, 51.5625



49.6550, 25.3934, 43.8772



45.5684, 26.2998, 14.5232



18.5087, 18.1868, 21.2961



25.2357, 12.5836, 20.4237



2.5087, 1.2459, 2.2604

Inverse Universe

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



52.6021, 29.1133, 51.5625



49.6550, 25.3934, 43.8772



51.5769, 78.1222, 82.7646



18.5087, 18.1868, 21.2961



25.2357, 12.5836, 20.4237



2.5087, 1.2459, 2.2604

Previews

White Background



This preview shows how the XYZ color 52.6014, 29.1119, 51.5620 looks on a white background.

Color Contrast Check

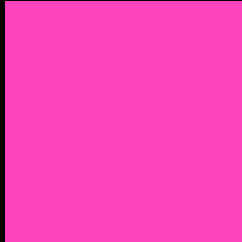
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6014, 29.1119, 51.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

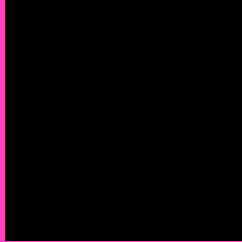
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.6014, 29.1119, 51.5620

Background



This preview shows how black text looks on a background with the XYZ color 52.6014, 29.1119, 51.5620.



This preview shows how white text looks on a background with the XYZ color 52.6014, 29.1119,

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

52.6014, 29.1119, 51.5620

Protanopia

32.6255, 29.6669, 92.8137

Deuteranopia

29.8885, 29.2615, 47.2528



Tritanopia

45.1526, 29.0805, 15.5452

Trichromacy



Original Color

52.6014, 29.1119, 51.5620



Protanomaly

34.4086, 25.4078, 75.7637



Deuteranomaly

34.9047, 26.2658, 48.5775



Tritanomaly

47.2658, 28.6997, 25.2387

Monochromacy



Original Color

52.6014, 29.1119, 51.5620



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

31.0470, 24.0683, 34.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6014, 29.1119, 51.5620 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, 68, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 190)  
}
```

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, 68, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.6014, 29.1119, 51.5620 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, 68, 190) }
```


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

```
.border{ border-color:rgb(255, 68, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 68, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6014, 29.1119, 51.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 190) }
```

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

```
.background{ background-color: rgb(255, 68,  
190) }
```

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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