

Converting Colors

XYZ(52.3828, 25.9729, 59.8185)

Have a look what the booklet for
XYZ(52.3828, 25.9729, 59.8185)
contains.

| | |
|------------------------------------------------|----|
| XYZ(52.4165, 25.9819, 60.0099) | 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(52.4165, 25.9819,
60.0099)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF0ECD |
| RGB | 255, 14, 205 |
| RGB Percent | 100%, 5%, 80% |
| CMY | 0.0000, 0.9449, 0.1961 |
| CMYK | 0.00, 0.94, 0.20, 0.00 |
| HSL | 312°, 100%, 53% |
| HSV | 312°, 94%, 100% |
| XYZ | 52.4165, 25.9819, 60.0099 |
| YIQ | 107.8330, 82.3250, 110.4930 |

Conversions

Conversions Part 2

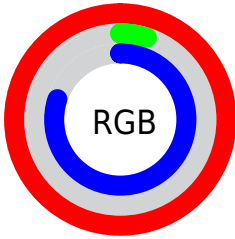
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 255, 14, 205 |
| Decimal | 16715469 |
| CIE _{Lab} | 58.02, 90.98, -36.36 |
| CIE _{LCh} | 58, 97.972, 338.217 |
| Yxy | 25.9819, 0.3787, 0.1877 |
| Android (android.graphics.Color) | 4294905549 (0xFFFF0ECD) |
| YUV | 107.8330, 47.9033, 129.0655 |
| Hunter-Lab | 50.9724, 94.3552, -34.1215 |

Details

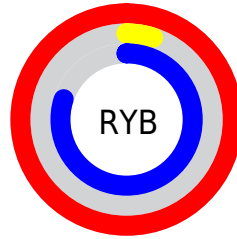
The XYZ color **52.4165, 25.9819, 60.0099** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.8686, 71.9844, 16.8087**, and the grayscale version is **14.0687, 14.8014, 16.1187**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **27.4973, 13.5395, 30.0183** is the 20% darker color. If you saturate the color by 10%, you get **51.9108, 25.5283, 58.1216**, and if you desaturate by 10%, it is **53.6529, 27.4149, 63.6273**.

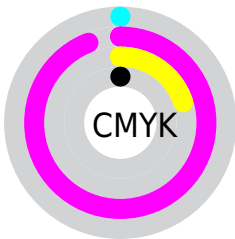
Distribution



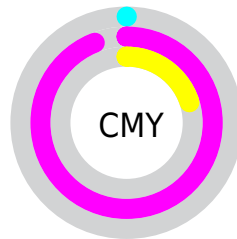
- Red (100%)
- Green (5%)
- Blue (80%)



- Red (100%)
- Yellow (5%)
- Blue (80%)



- Cyan (0%)
- Magenta (94%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4165, 25.9819, 60.0099 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 52.4165, 25.9819, 60.0099 by changing the saturation by 10% instead.


 52.4165, 25.9819,
60.0099


 52.4165, 25.9819,
60.0099

386.3400,
282.6932, 442.4399


 37.5628, 16.8101,
43.0013


 92.9158, 53.2457,
106.3875


 25.8192, 10.0992,
29.5547


 119.2921, 72.1066,
136.5936


 16.8204, 5.4648,
19.2517


 150.2399, 94.9659,
172.0359

 10.2010, 2.5225,
11.6736

 186.1247,
122.2080, 213.1330

 5.5957, 0.8878,
6.4020

 227.3117,
154.2175, 260.3034

 2.6392, 0.0000,
3.0183

274.1664,

 0.9660, 0.0000,

191.3785, 313.9657

1.1040

327.0540,
234.0757, 374.5383

■ 0.0000, 0.0000,
0.0000

■ 52.4165, 25.9819,
60.0099

■ 52.4165, 25.9819,
60.0099

■ 51.9108, 25.5283,
58.1216

■ 53.6529, 27.4149,
63.6273

■ 55.4738, 29.9823,
67.5470

■ 57.9769, 33.8787,
71.8026

■ 61.2411, 39.2617,
76.4216

■ 65.3343, 46.2669,
81.4275

70.3167, 55.0144,
86.8414

76.2431, 65.6132,
92.6824

83.1634, 78.1631,
98.9683

91.1242, 92.7569,
105.7154

Harmonies

Analogous

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



41.6117, 25.9819, 116.5613



52.4165, 25.9819, 60.0099



54.7474, 25.9819, 19.9625

Triad

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



52.4165, 25.9819, 60.0099



21.5843, 25.9819, 0.2145



10.7867, 25.9819, 90.7687

Complementary

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



52.4165, 25.9819, 60.0099



36.8686, 71.9844, 16.8087

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.



8.3288, 25.9819, 38.6605



52.4165, 25.9819, 60.0099



13.1255, 25.9819, 1.7681

Square

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



52.4165, 25.9819, 60.0099



34.1358, 25.9819, 0.6333



9.0211, 25.9819, 10.3457



17.1782, 25.9819, 142.1683

Rectangle

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



52.4165, 25.9819, 60.0099



50.6545, 25.9819, 7.3133



9.0211, 25.9819, 10.3457



9.5838, 25.9819, 71.6290

Sweetspot

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



52.4172, 25.9831, 60.0103



74.0530, 61.6772, 90.5833



20.2092, 8.5672, 95.1962



15.3091, 12.2345, 18.8518



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.



52.4172, 25.9831, 60.0103



51.9108, 25.5283, 58.1216



43.0908, 22.2526, 10.8986



18.6217, 18.2320, 21.8909



27.1806, 13.3615, 30.6654



2.6852, 1.3164, 3.1895

Inverse Universe

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



52.4172, 25.9831, 60.0103



51.9108, 25.5283, 58.1216



44.4593, 75.0207, 56.7811



18.6217, 18.2320, 21.8909



27.1806, 13.3615, 30.6654



2.6852, 1.3164, 3.1895

Previews

White Background



This preview shows how the XYZ color 52.4165, 25.9819, 60.0099 looks on a white background.

Color Contrast Check

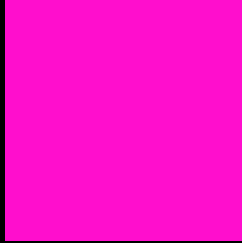
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.4165, 25.9819, 60.0099 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 52.4165, 25.9819, 60.0099

Background



This preview shows how black text looks on a background with the XYZ color 52.4165, 25.9819, 60.0099.



This preview shows how white text looks on a background with the XYZ color 52.4165, 25.9819,

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

52.4165, 25.9819, 60.0099

Protanopia

30.1624, 26.5338, 98.1395

Deuteranopia

26.9151, 26.2678, 53.5208



Tritanopia

42.2783, 25.9692, 11.5883

Trichromacy



Original Color

52.4165, 25.9819, 60.0099



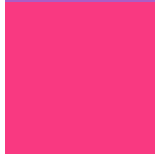
Protanomaly

30.6148, 19.6980, 82.3093



Deuteranomaly

31.0057, 20.6306, 55.1712



Tritanomaly

44.4925, 24.6510, 23.1820

Monochromacy



Original Color

52.4165, 25.9819, 60.0099



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

22.1046, 14.4578, 27.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4165, 25.9819, 60.0099 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, 14, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 14, 205)  
}
```

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, 14, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 14, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.4165, 25.9819, 60.0099 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, 14, 205) }
```


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

```
.border{ border-color:rgb(255, 14, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 14, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 14, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 14, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 14,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4165, 25.9819, 60.0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 14, 205) }
```

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

```
.background{ background-color: rgb(255, 14,  
205) }
```

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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