

Converting Colors

XYZ(52.7221, 26.0302, 61.8472)

Have a look what the booklet for
XYZ(52.7221, 26.0302, 61.8472)
contains.

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Color

**XYZ(52.7337, 26.0311,
61.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0AD0
RGB	255, 10, 208
RGB Percent	100%, 4%, 82%
CMY	0.0000, 0.9606, 0.1843
CMYK	0.00, 0.96, 0.18, 0.00
HSL	312°, 100%, 52%
HSV	312°, 96%, 100%
XYZ	52.7337, 26.0311, 61.9196
YIQ	105.8270, 82.4620, 113.5180

Conversions

Conversions Part 2

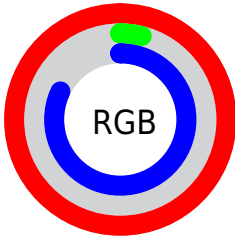
Format	Color
R _Y B	255, 10, 208
Decimal	16714448
CIE Lab	58.07, 91.60, -38.00
CIE LCh	58, 99.169, 337.470
Yxy	26.0311, 0.3748, 0.1850
Android (android.graphics.Color)	4294904528 (0xFFFF0AD0)
YUV	105.8270, 50.3713, 130.8247
Hunter-Lab	51.0207, 95.2069, -36.2409

Details

The XYZ color **52.7337, 26.0311, 61.9196** 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 **36.6257, 71.8808, 15.8217**, and the grayscale version is **13.5114, 14.2151, 15.4802**.

A 20% lighter version of the original color is **64.3416, 38.5832, 98.6639**, and **27.7421, 13.6374, 31.3071** is the 20% darker color. If you saturate the color by 10%, you get **52.3893, 25.7197, 60.6413**, and if you desaturate by 10%, it is **53.8541, 27.2935, 65.3095**.

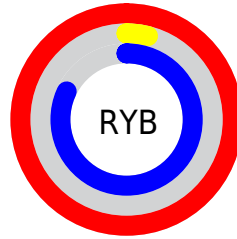
Distribution



Red (100%)

Green (4%)

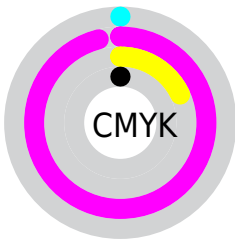
Blue (82%)



Red (100%)

Yellow (4%)

Blue (82%)

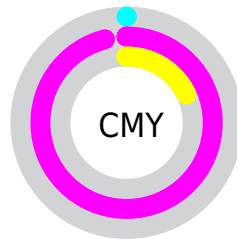


Cyan (0%)

Magenta (96%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (96%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7337, 26.0311, 61.9196 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 52.7337, 26.0311, 61.9196 by changing the saturation by 10% instead.


 52.7337, 26.0311,
61.9196

 52.7337, 26.0311,
61.9196


387.5402,
282.9347, 449.6373


 37.8169, 16.8469,
44.5324

 93.3802, 53.3251,
109.1798


 26.0171, 10.1254,
30.7490


 119.8406, 72.2037,
139.8898


 16.9692, 5.4822,
20.1509


 150.8796, 95.0826,
175.8779

 10.3077, 2.5329,
12.3196

 186.8625,
122.3461, 217.5625

 5.6673, 0.8930,
6.8366

 228.1546,
154.3787, 265.3622

 2.6826, 0.0000,
3.2832

275.1214,

 0.9882, 0.0000,

191.5647, 319.6955

1.2410

328.1281,
234.2886, 380.9811

■ 0.0000, 0.0000,
0.0127

■ 0.0000, 0.0000,
0.0000

■ 52.7337, 26.0311,
61.9196

■ 52.7337, 26.0311,
61.9196

■ 52.3893, 25.7197,
60.6413

■ 53.8541, 27.2935,
65.3095

■ 55.5384, 29.6538,
68.9795

■ 57.8881, 33.3145,
72.9646

■ 60.9842, 38.4376,
77.2924

64.8960, 45.1614,
81.9870

69.6849, 53.6084,
87.0695

75.4061, 63.8888,
92.5591

82.1104, 76.1039,
98.4734

89.8449, 90.3475,
104.8288

Harmonies

Analogous

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



41.5858, 26.0311, 119.6885



52.7337, 26.0311, 61.9196



55.3665, 26.0311, 20.5960

Triad

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



52.7337, 26.0311, 61.9196



21.8636, 26.0311, 0.1250



10.5832, 26.0311, 90.4807

Complementary

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



52.7337, 26.0311, 61.9196



36.6257, 71.8808, 15.8217

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.



8.1990, 26.0311, 37.8245



52.7337, 26.0311, 61.9196



13.1989, 26.0311, 1.6006

Square

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



52.7337, 26.0311, 61.9196



34.6694, 26.0311, 0.5952



8.9710, 26.0311, 9.8241



16.9171, 26.0311, 143.5477

Rectangle

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



52.7337, 26.0311, 61.9196



51.3547, 26.0311, 7.4920



8.9710, 26.0311, 9.8241



9.4049, 26.0311, 71.0179

Sweetspot

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



52.7343, 26.0323, 61.9201



73.6230, 60.6677, 90.9006



19.7324, 8.2493, 95.1600



15.2368, 12.0483, 18.9556



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.



52.7343, 26.0323, 61.9201



52.3893, 25.7197, 60.6413



43.0948, 22.1765, 11.1592



18.6344, 18.2371, 21.9580



27.4278, 13.4604, 31.9667



2.7072, 1.3252, 3.3053

Inverse Universe

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



52.7343, 26.0323, 61.9201



52.3893, 25.7197, 60.6413



43.8649, 74.7765, 53.9431



18.6344, 18.2371, 21.9580



27.4278, 13.4604, 31.9667



2.7072, 1.3252, 3.3053

Previews

White Background



This preview shows how the XYZ color 52.7337, 26.0311, 61.9196 looks on a white background.

Color Contrast Check

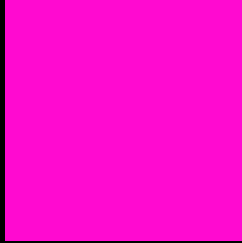
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.7337, 26.0311, 61.9196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

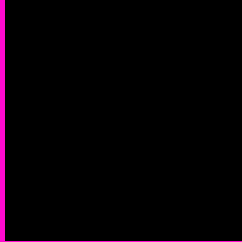
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 52.7337, 26.0311, 61.9196

Background



This preview shows how black text looks on a background with the XYZ color 52.7337, 26.0311, 61.9196.



This preview shows how white text looks on a background with the XYZ color 52.7337, 26.0311,

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

52.7337, 26.0311, 61.9196

Protanopia

30.3039, 26.8168, 98.1867

Deuteranopia

27.1090, 26.5429, 55.3243



Tritanopia

42.3938, 26.1352, 11.8270

Trichromacy



Original Color

52.7337, 26.0311, 61.9196



Protanomaly

30.6753, 19.5845, 83.0523



Deuteranomaly

30.8300, 20.3705, 56.9506



Tritanomaly

44.5778, 24.6068, 23.8728

Monochromacy



Original Color

52.7337, 26.0311, 61.9196



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

21.7084, 13.9632, 27.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7337, 26.0311, 61.9196 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, 10, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 208)  
}
```

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, 10, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 208) }
```

Border

The CSS property to change the border of an element to XYZ 52.7337, 26.0311, 61.9196 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, 10, 208) }
```


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

```
.border{ border-color:rgb(255, 10, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 10, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7337, 26.0311, 61.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 208) }
```

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

```
.background{ background-color: rgb(255, 10,  
208) }
```

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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