

Converting Colors

XYZ(51.5745, 25.2861, 61.2147)

Have a look what the booklet for
XYZ(51.5745, 25.2861, 61.2147)
contains.

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Color

**XYZ(51.4074, 25.2004,
61.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00CF
RGB	252, 0, 207
RGB Percent	99%, 0%, 81%
CMY	0.0118, 0.9998, 0.1882
CMYK	0.00, 1.00, 0.18, 0.01
HSL	311°, 100%, 49%
HSV	311°, 100%, 99%
XYZ	51.4074, 25.2004, 61.1862
YIQ	98.9460, 83.7450, 117.8010

Conversions

Conversions Part 2

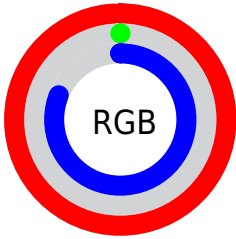
Format	Color
RYB	252, 0, 207
Decimal	16515279
CIELab	57.27, 91.56, -38.71
CIELCh	57, 99.408, 337.080
Yxy	25.2004, 0.3731, 0.1829
Android (android.graphics.Color)	4294705359 (0xFFFC00CF)
YUV	98.9460, 53.2706, 134.2284
Hunter-Lab	50.2000, 94.9432, -37.1255

Details

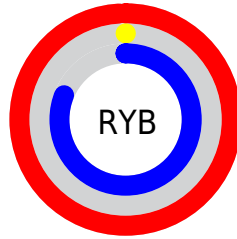
The XYZ color **51.4074, 25.2004, 61.1862** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **35.2859, 69.8115, 14.1029**, and the grayscale version is **11.7089, 12.3187, 13.4151**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **26.9027, 13.2141, 30.8384** is the 20% darker color. If you saturate the color by 10%, you get **51.4067, 25.2002, 61.1808**, and if you desaturate by 10%, it is **52.3190, 26.1299, 64.2441**.

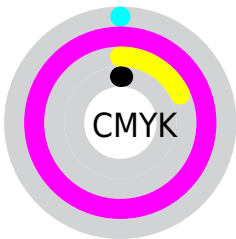
Distribution



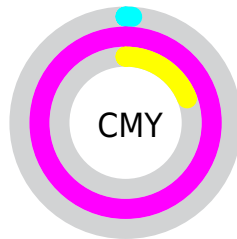
- Red (99%)
- Green (0%)
- Blue (81%)



- Red (99%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4074, 25.2004, 61.1862 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 51.4074, 25.2004, 61.1862 by changing the saturation by 10% instead.


 51.4074, 25.2004,
61.1862

 51.4074, 25.2004,
61.1862

382.5062,
278.8345, 446.8818


 36.7553, 16.2264,
43.9439


 91.4361, 51.9821,
108.1086


 25.1909, 9.6845,
30.2896


 117.5434, 70.5587,
138.6259


 16.3488, 5.1903,
19.8046


 148.1999, 93.1049,
174.4052

 9.8637, 2.3593,
12.0704

 183.7708,
120.0052, 215.8652

 5.3703, 0.8049,
6.6685

 224.6215,
151.6438, 263.4242

 2.5031, 0.0000,
3.1804

271.1174,

 0.8968, 0.0000,

188.4054, 317.5010

1.1875

323.6238,
230.6741, 378.5140

■ 0.0000, 0.0000,
0.0000

■ 51.4074, 25.2004,
61.1862

■ 51.4074, 25.2004,
61.1862

■ 51.4067, 25.2002,
61.1808

■ 52.3190, 26.1299,
64.2441

■ 53.7001, 27.9735,
67.5364

■ 55.6906, 31.0104,
71.1105

■ 58.3755, 35.4104,
74.9953

■ 61.8260, 41.3156,
79.2152

■ 66.1043, 48.8503,
83.7914

■ 71.2662, 58.1261,
88.7433

■ 77.3627, 69.2443,
94.0883

■ 84.4406, 82.2989,
99.8427

Harmonies

Analogous

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



40.3408, 25.2004, 118.3484



51.4074, 25.2004, 61.1862



54.1386, 25.2004, 20.2044

Triad

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



51.4074, 25.2004, 61.1862



21.2712, 25.2004, 0.0064



10.0598, 25.2004, 87.9541

Complementary

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



51.4074, 25.2004, 61.1862



35.2859, 69.8115, 14.1029

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.



7.7880, 25.2004, 36.2222



51.4074, 25.2004, 61.1862



12.7396, 25.2004, 1.4149

Square

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



51.4074, 25.2004, 61.1862



33.8845, 25.2004, 0.5021



8.5760, 25.2004, 9.1535



16.1795, 25.2004, 140.7887

Rectangle

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



51.4074, 25.2004, 61.1862



50.2616, 25.2004, 7.2529



8.5760, 25.2004, 9.1535



8.9306, 25.2004, 68.7517

Sweetspot

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



51.4083, 25.2017, 61.1867



73.1876, 59.6711, 91.1431



18.5279, 7.5225, 92.5717



15.1622, 11.8641, 19.0388



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.



51.4083, 25.2017, 61.1867



52.8051, 25.8860, 62.8307



41.7473, 21.3373, 10.3126



17.8522, 17.4682, 21.0774



26.8280, 13.1469, 32.1325



2.5184, 1.2311, 3.1530

Inverse Universe

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



51.4083, 25.2017, 61.1867



52.8051, 25.8860, 62.8307



41.8808, 72.4495, 48.8310



17.8522, 17.4682, 21.0774



26.8280, 13.1469, 32.1325



2.5184, 1.2311, 3.1530

Previews

White Background



This preview shows how the XYZ color 51.4074, 25.2004, 61.1862 looks on a white background.

Color Contrast Check

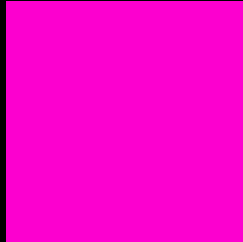
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4074, 25.2004, 61.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

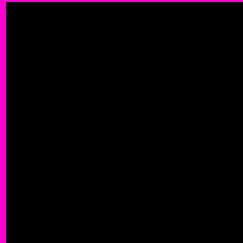
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.4074, 25.2004, 61.1862

Background



This preview shows how black text looks on a background with the XYZ color 51.4074, 25.2004, 61.1862.



This preview shows how white text looks on a background with the XYZ color 51.4074, 25.2004,

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

51.4074, 25.2004, 61.1862

Protanopia

29.6945, 26.0844, 98.0775

Deuteranopia

26.2910, 25.7083, 54.6154



Tritanopia

41.3150, 25.5837, 11.5647

Trichromacy



Original Color

51.4074, 25.2004, 61.1862



Protanomaly

29.5756, 18.4041, 82.8825



Deuteranomaly

29.6533, 19.1554, 56.1673



Tritanomaly

43.2633, 23.6605, 23.4058

Monochromacy



Original Color

51.4074, 25.2004, 61.1862



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

19.8825, 12.3586, 25.3823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4074, 25.2004, 61.1862 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(252, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 207)  
}
```

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(252, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.4074, 25.2004, 61.1862 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(252, 0, 207) }
```


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

```
.border{ border-color:rgb(252, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4074, 25.2004, 61.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 207) }
```

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

```
.background{ background-color: rgb(252, 0,  
207) }
```

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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