

Converting Colors

XYZ(51.6955, 25.3345, 61.8518)

Have a look what the booklet for
XYZ(51.6955, 25.3345, 61.8518)
contains.

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Color

**XYZ(51.5301, 25.2495,
61.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00D0
RGB	252, 0, 208
RGB Percent	99%, 0%, 82%
CMY	0.0118, 0.9998, 0.1843
CMYK	0.00, 1.00, 0.17, 0.01
HSL	310°, 100%, 49%
HSV	310°, 100%, 99%
XYZ	51.5301, 25.2495, 61.8322
YIQ	99.0600, 83.4240, 118.1120

Conversions

Conversions Part 2

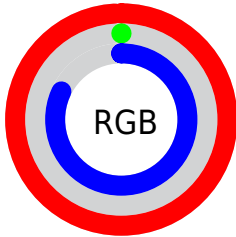
Format	Color
R_{YB}	252, 0, 208
Decimal	16515280
CIE _{Lab}	57.32, 91.68, -39.21
CIE _{LCh}	57, 99.712, 336.844
Yxy	25.2495, 0.3718, 0.1822
Android (android.graphics.Color)	4294705360 (0xFFFC00D0)
YUV	99.0600, 53.7074, 134.1284
Hunter-Lab	50.2489, 95.1158, -37.7833

Details

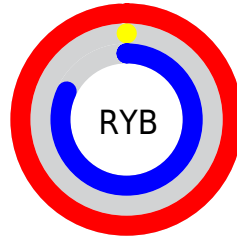
The XYZ color **51.5301, 25.2495, 61.8322** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **35.2669, 69.8040, 14.0027**, and the grayscale version is **11.7366, 12.3478, 13.4467**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **26.9850, 13.2471, 31.2717** is the 20% darker color. If you saturate the color by 10%, you get **51.5294, 25.2493, 61.8267**, and if you desaturate by 10%, it is **52.4326, 26.1754, 64.8420**.

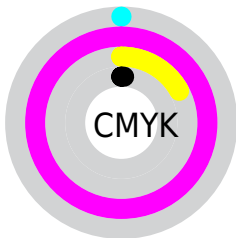
Distribution



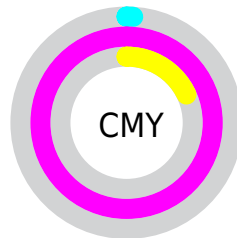
- Red (99%)
- Green (0%)
- Blue (82%)



- Red (99%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5301, 25.2495, 61.8322 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 51.5301, 25.2495, 61.8322 by changing the saturation by 10% instead.


 51.5301, 25.2495,
61.8322


 51.5301, 25.2495,
61.8322

382.9737,
279.0782, 449.3095


 36.8534, 16.2630,
44.4622


 91.6162, 52.0617,
109.0522


 25.2672, 9.7105,
30.6942


 117.7563, 70.6562,
139.7393


 16.4060, 5.2074,
20.1096


 148.4483, 93.2222,
175.7026

 9.9046, 2.3695,
12.2899

 184.0575,
120.1441, 217.3605

 5.3975, 0.8101,
6.8165

 224.9493,
151.8062, 265.1316

 2.5195, 0.0000,
3.2709

271.4890,

 0.9051, 0.0000,

188.5930, 319.4344

1.2346

324.0420,
230.8889, 380.6875

■ 0.0000, 0.0000,
0.0072

■ 0.0000, 0.0000,
0.0000

■ 51.5301, 25.2495,
61.8322

■ 51.5301, 25.2495,
61.8322

■ 51.5294, 25.2493,
61.8267

■ 52.4326, 26.1754,
64.8420

■ 53.8039, 28.0150,
68.0825

■ 55.7839, 31.0478,
71.6013

■ 58.4576, 35.4433,
75.4272

61.8963, 41.3438,
79.5845

66.1620, 48.8736,
84.0945

71.3107, 58.1441,
88.9764

77.3931, 69.2569,
94.2476

84.4563, 82.3056,
99.9243

Harmonies

Analogous

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



40.3600, 25.2495, 119.3382



51.5301, 25.2495, 61.8322



54.3569, 25.2495, 20.4460

Triad

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



51.5301, 25.2495, 61.8322



21.3925, 25.2495, 0.0000



10.0235, 25.2495, 87.8642

Complementary

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



51.5301, 25.2495, 61.8322



35.2669, 69.8040, 14.0027

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.



7.7722, 25.2495, 35.9962



51.5301, 25.2495, 61.8322



12.7920, 25.2495, 1.3784

Square

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



51.5301, 25.2495, 61.8322



34.0861, 25.2495, 0.4995



8.5859, 25.2495, 9.0241



16.1284, 25.2495, 141.1784

Rectangle

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



51.5301, 25.2495, 61.8322



50.5088, 25.2495, 7.3365



8.5859, 25.2495, 9.0241



8.9009, 25.2495, 68.5760

Sweetspot

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



51.5310, 25.2508, 61.8327



73.2331, 59.6893, 91.3826



18.5280, 7.5226, 92.5717



15.1732, 11.8685, 19.0967



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.



51.5310, 25.2508, 61.8327



52.9311, 25.9364, 63.4946



41.7473, 21.3374, 10.3127



17.8553, 17.4695, 21.0937



26.8911, 13.1722, 32.4648



2.5236, 1.2332, 3.1809

Inverse Universe

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



51.5310, 25.2508, 61.8327



52.9311, 25.9364, 63.4946



41.8809, 72.4495, 48.8311



17.8553, 17.4695, 21.0937



26.8911, 13.1722, 32.4648



2.5236, 1.2332, 3.1809

Previews

White Background



This preview shows how the XYZ color 51.5301, 25.2495, 61.8322 looks on a white background.

Color Contrast Check

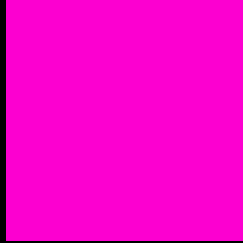
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5301, 25.2495, 61.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

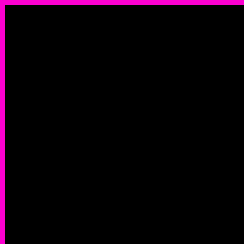
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.5301, 25.2495, 61.8322

Background



This preview shows how black text looks on a background with the XYZ color 51.5301, 25.2495, 61.8322.



This preview shows how white text looks on a background with the XYZ color 51.5301, 25.2495,

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

51.5301, 25.2495, 61.8322

Protanopia

29.7745, 26.1257, 98.0812

Deuteranopia

26.4037, 25.7534, 55.2090



Tritanopia

41.3150, 25.5837, 11.5647

Trichromacy



Original Color

51.5301, 25.2495, 61.8322



Protanomaly

29.7449, 18.4913, 82.8904



Deuteranomaly

29.7699, 19.2020, 56.7809



Tritanomaly

43.2633, 23.6605, 23.4058

Monochromacy



Original Color

51.5301, 25.2495, 61.8322



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

19.9553, 12.3877, 25.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5301, 25.2495, 61.8322 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 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(252, 0, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.5301, 25.2495, 61.8322 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, 208) }
```


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

```
.border{ border-color:rgb(252, 0, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5301, 25.2495, 61.8322 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, 208) }
```

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

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