

Converting Colors

XYZ(52.4134, 25.7293, 60.7681)

Have a look what the booklet for
XYZ(52.4134, 25.7293, 60.7681)
contains.

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Color

**XYZ(52.3806, 25.7162,
60.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00CE
RGB	255, 0, 206
RGB Percent	100%, 0%, 81%
CMY	0.0000, 0.9998, 0.1922
CMYK	0.00, 1.00, 0.19, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	52.3806, 25.7162, 60.5955
YIQ	99.7290, 85.8540, 118.1260

Conversions

Conversions Part 2

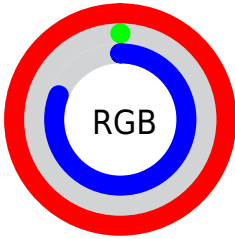
Format	Color
R_{YB}	255, 0, 206
Decimal	16711886
CIE _{Lab}	57.77, 91.97, -37.33
CIE _{LCh}	58, 99.259, 337.912
Yxy	25.7162, 0.3777, 0.1854
Android (android.graphics.Color)	4294901966 (0xFFFF00CE)
YUV	99.7290, 52.3916, 136.1727
Hunter-Lab	50.7111, 95.6319, -35.3487

Details

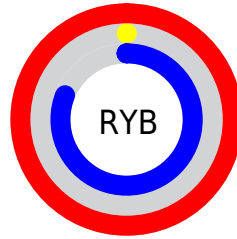
The XYZ color **52.3806, 25.7162, 60.5955** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **36.3161, 71.7425, 14.8452**, and the grayscale version is **11.9077, 12.5279, 13.6429**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **27.5782, 13.5718, 30.4442** is the 20% darker color. If you saturate the color by 10%, you get **52.3794, 25.7158, 60.5893**, and if you desaturate by 10%, it is **53.3451, 26.6773, 63.9009**.

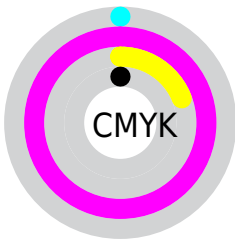
Distribution



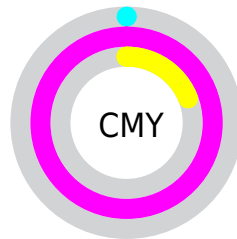
- Red (100%)
- Green (0%)
- Blue (81%)



- Red (100%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3806, 25.7162, 60.5955 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 52.3806, 25.7162, 60.5955 by changing the saturation by 10% instead.

 52.3806, 25.7162,
60.5955


 52.3806, 25.7162,
60.5955

386.2041,
281.3861, 444.6547


 37.5340, 16.6114,
43.4704


 92.8632, 52.8168,
107.2448


 25.7968, 9.9579,
29.9202


 119.2300, 71.5813,
137.6061


 16.8036, 5.3710,
19.5265


 150.1675, 94.3347,
173.2166

 10.1890, 2.4666,
11.8707

 186.0411,
121.4611, 214.4947

 5.5877, 0.8598,
6.5342

 227.2162,
153.3451, 261.8590

 2.6343, 0.0000,
3.0986

274.0582,

 0.9635, 0.0000,

190.3710, 315.7281

1.1452

326.9324,
232.9232, 376.5205

■ 0.0000, 0.0000,
0.0000

■ 52.3806, 25.7162,
60.5955

■ 52.3806, 25.7162,
60.5955

■ 52.3794, 25.7158,
60.5893

■ 53.3451, 26.6773,
63.9009

■ 54.7953, 28.5799,
67.4603

■ 56.8743, 31.7100,
71.3226

■ 59.6698, 36.2424,
75.5177

■ 63.2550, 42.3235,
80.0708

67.6940, 50.0814,
85.0041

73.0444, 59.6307,
90.3376

79.3586, 71.0761,
96.0893

86.6849, 84.5139,
102.2763

Harmonies

Analogous

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



41.3782, 25.7162, 118.1076



52.3806, 25.7162, 60.5955



54.8489, 25.7162, 19.9115

Triad

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



52.3806, 25.7162, 60.5955



21.4251, 25.7162, 0.0897



10.4653, 25.7162, 90.6869

Complementary

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



52.3806, 25.7162, 60.5955



36.3161, 71.7425, 14.8452

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.



8.0574, 25.7162, 38.0284



52.3806, 25.7162, 60.5955



12.9026, 25.7162, 1.5888

Square

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



52.3806, 25.7162, 60.5955



34.1004, 25.7162, 0.5330



8.7755, 25.7162, 9.8753



16.8055, 25.7162, 143.2660

Rectangle

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



52.3806, 25.7162, 60.5955



50.7639, 25.7162, 7.1583



8.7755, 25.7162, 9.8753



9.2814, 25.7162, 71.2656

Sweetspot

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



52.3812, 25.7174, 60.5959



73.0324, 59.6091, 90.3261



19.2133, 7.8206, 95.1046



15.1248, 11.8491, 18.8416



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.



52.3812, 25.7174, 60.5959



52.3794, 25.7158, 60.5893



42.7178, 21.8520, 9.7090



18.6342, 18.2370, 21.9566



27.4227, 13.4584, 31.9398



2.7067, 1.3251, 3.3029

Inverse Universe

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



52.3812, 25.7174, 60.5959



52.3794, 25.7158, 60.5893



43.4267, 74.5867, 52.2887



18.6342, 18.2370, 21.9566



27.4227, 13.4584, 31.9398



2.7067, 1.3251, 3.3029

Previews

White Background



This preview shows how the XYZ color 52.3806, 25.7162, 60.5955 looks on a white background.

Color Contrast Check

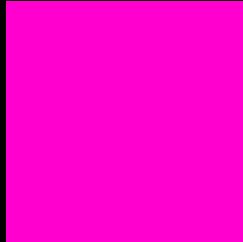
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3806, 25.7162, 60.5955 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 52.3806, 25.7162, 60.5955

Background



This preview shows how black text looks on a background with the XYZ color 52.3806, 25.7162, 60.5955.



This preview shows how white text looks on a background with the XYZ color 52.3806, 25.7162,

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

52.3806, 25.7162, 60.5955

Protanopia

30.1624, 26.5338, 98.1395

Deuteranopia

26.8825, 26.2382, 54.0997



Tritanopia

42.2783, 25.9692, 11.5883

Trichromacy



Original Color

52.3806, 25.7162, 60.5955



Protanomaly

30.1959, 18.8601, 82.1696



Deuteranomaly

30.4774, 19.7146, 55.6250



Tritanomaly

44.3242, 24.2074, 23.4554

Monochromacy



Original Color

52.3806, 25.7162, 60.5955



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.2039, 12.5988, 25.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3806, 25.7162, 60.5955 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, 0, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 206)  
}
```

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, 0, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.3806, 25.7162, 60.5955 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, 0, 206) }
```


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

```
.border{ border-color:rgb(255, 0, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3806, 25.7162, 60.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 206) }
```

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

```
.background{ background-color: rgb(255, 0,  
206) }
```

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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