

Converting Colors

XYZ(25.8902, 11.9038, 66.4084)

Have a look what the booklet for
XYZ(25.8902, 11.9038, 66.4084)
contains.

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Color

**XYZ(25.8508, 11.8798,
66.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	9A00D9
RGB	154, 0, 217
RGB Percent	60%, 0%, 85%
CMY	0.3961, 1.0000, 0.1490
CMYK	0.29, 1.00, 0.00, 0.15
HSL	283°, 100%, 43%
HSV	283°, 100%, 85%
XYZ	25.8508, 11.8798, 66.5762
YIQ	70.7840, 22.1270, 100.1350

Conversions

Conversions Part 2

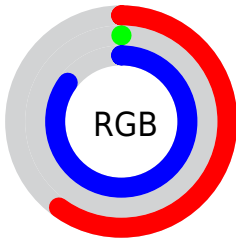
Format	Color
RYB	154, 0, 217
Decimal	10092761
CIELab	41.02, 78.16, -71.43
CIELCh	41, 105.885, 317.573
Yxy	11.8798, 0.2478, 0.1139
Android (android.graphics.Color)	4288282841 (0xFF9A00D9)
YUV	70.7840, 72.0845, 72.9804
Hunter-Lab	34.4671, 73.5601, -90.3969

Details

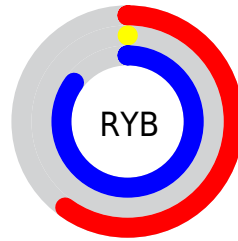
The XYZ color **25.8508, 11.8798, 66.5762** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **26.8632, 50.6828, 8.3671**, and the grayscale version is **5.8339, 6.1377, 6.6839**.

A 20% lighter version of the original color is **48.9519, 27.8568, 97.4046**, and **11.0491, 4.9529, 34.0919** is the 20% darker color. If you saturate the color by 10%, you get **25.8510, 11.8799, 66.5764**, and if you desaturate by 10%, it is **27.3636, 13.0773, 66.7278**.

Distribution



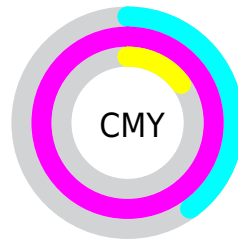
- Red (60%)
- Green (0%)
- Blue (85%)



- Red (60%)
- Yellow (0%)
- Blue (85%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)





- Cyan (40%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8508, 11.8798, 66.5762 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 25.8508, 11.8798, 66.5762 by changing the saturation by 10% instead.


 25.8508, 11.8798,
66.5762


 25.8508, 11.8798,
66.5762


274.3190,
203.6079, 466.8951


 16.8442, 6.6619,
48.2809


 52.4672, 29.2760,
115.9478


 10.2181, 3.2516,
33.6878


 70.8076, 42.2231,
147.8612

 5.6071, 1.2644,
22.3784


 92.9900, 58.5153,
185.1510

 2.6461, 0.1134,
13.9343

 119.3797, 78.5371,
228.2357

 0.9695, 0.0000,
7.9367

 150.3422,
102.6729, 277.5339

 0.0000, 0.0000,
3.9673

 186.2426,

 0.0000, 0.0000,

131.3070, 333.4642

1.6074

227.4465,
164.8239, 396.4451

■ 0.0000, 0.0000,
0.2961

■ 0.0000, 0.0000,
0.0000

■ 25.8508, 11.8798,
66.5762

■ 25.8508, 11.8798,
66.5762

■ 25.8510, 11.8799,
66.5764

■ 27.3636, 13.0773,
66.7278

■ 29.2557, 14.9395,
66.9876

■ 31.6329, 17.6758,
67.3904

■ 34.5543, 21.4028,
67.9558

■ 38.0696, 26.2190,
68.7002

■ 42.2229, 32.2108,
69.6378

■ 47.0533, 39.4557,
70.7816

■ 52.5969, 48.0245,
72.1434

■ 58.8872, 57.9827,
73.7340

Harmonies

Analogous

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



16.2952, 11.8798, 107.6806



25.8508, 11.8798, 66.5762



32.3778, 11.8798, 24.1733

Triad

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



25.8508, 11.8798, 66.5762



14.7316, 11.8798, 0.0000



2.3110, 11.8798, 30.1008

Complementary

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



25.8508, 11.8798, 66.5762



26.8632, 50.6828, 8.3671

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.



2.1952, 11.8798, 5.8651



25.8508, 11.8798, 66.5762



7.4337, 11.8798, 0.0000

Square

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



25.8508, 11.8798, 66.5762



24.2744, 11.8798, 0.0000



3.5821, 11.8798, 0.0000



4.0306, 11.8798, 74.8042

Rectangle

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



25.8508, 11.8798, 66.5762



32.8128, 11.8798, 8.1719



3.5821, 11.8798, 0.0000



2.1240, 11.8798, 19.2619

Sweetspot

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



25.8515, 11.8802, 66.5765



67.6060, 56.5485, 101.9595



14.4208, 8.8024, 66.5849



13.8128, 11.1089, 21.6662



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.



25.8515, 11.8802, 66.5765



37.0986, 17.0399, 95.9415



36.2166, 17.7924, 41.3665



13.2270, 13.0751, 16.4788



15.7584, 7.2479, 40.3068



1.1048, 0.5128, 2.6152

Inverse Universe

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



29.5128, 15.1108, 6.0644



42.4771, 21.7548, 8.4445



25.2566, 49.8034, 10.6065



13.2107, 13.1134, 14.3710



17.9053, 9.1632, 3.8813



1.1970, 0.6084, 0.4462

Previews

White Background



This preview shows how the XYZ color 25.8508, 11.8798, 66.5762 looks on a white background.

Color Contrast Check

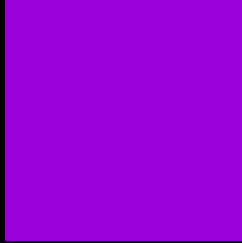
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.8508, 11.8798, 66.5762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

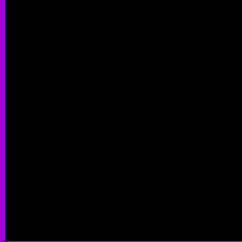
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.8508, 11.8798, 66.5762

Background



This preview shows how black text looks on a background with the XYZ color 25.8508, 11.8798, 66.5762.



This preview shows how white text looks on a background with the XYZ color 25.8508, 11.8798,

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

25.8508, 11.8798, 66.5762

Protanopia

14.6348, 12.4015, 56.8807

Deuteranopia

12.2937, 12.3634, 41.7828



Tritanopia

14.8097, 12.2389, 11.4793

Trichromacy



Original Color

25.8508, 11.8798, 66.5762



Protanomaly

14.5092, 8.5775, 59.9224



Deuteranomaly

12.7585, 8.2253, 49.6304



Tritanomaly

16.8190, 10.1072, 24.7313

Monochromacy



Original Color

25.8508, 11.8798, 66.5762



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.9433, 6.0987, 19.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8508, 11.8798, 66.5762 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(154, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 217)  
}
```

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(154, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 217) }
```

Border

The CSS property to change the border of an element to XYZ 25.8508, 11.8798, 66.5762 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(154, 0, 217) }
```


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

```
.border{ border-color:rgb(154, 0, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 0, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8508, 11.8798, 66.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 217) }
```

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

```
.background{ background-color: rgb(154, 0,  
217) }
```

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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