

Converting Colors

XYZ(25.8537, 18.5744, 61.5707)

Have a look what the booklet for
XYZ(25.8537, 18.5744, 61.5707)
contains.

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Color

**XYZ(25.8777, 18.6629,
61.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	8863CF
RGB	136, 99, 207
RGB Percent	53%, 39%, 81%
CMY	0.4667, 0.6118, 0.1882
CMYK	0.34, 0.52, 0.00, 0.19
HSL	261°, 53%, 60%
HSV	261°, 52%, 81%
XYZ	25.8777, 18.6629, 61.2699
YIQ	122.3750, -12.6160, 41.4320

Conversions

Conversions Part 2

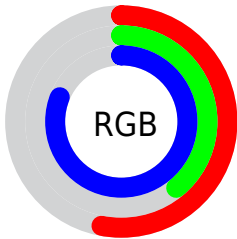
Format	Color
R _Y B	136, 99, 207
Decimal	8938447
CIE Lab	50.29, 38.33, -50.82
CIE LCh	50, 63.657, 307.023
Yxy	18.6629, 0.2446, 0.1764
Android (android.graphics.Color)	4287128527 (0xFF8863CF)
YUV	122.3750, 41.7201, 11.9491
Hunter-Lab	43.2006, 31.3228, -53.8486

Details

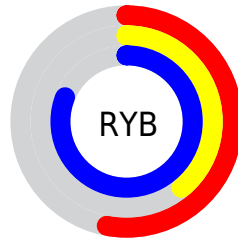
The XYZ color **25.8777, 18.6629, 61.2699** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **41.1425, 54.0728, 20.0735**, and the grayscale version is **18.4926, 19.4557, 21.1872**.

A 20% lighter version of the original color is **50.8548, 40.5597, 99.7562**, and **10.2447, 6.3840, 30.3980** is the 20% darker color. If you saturate the color by 10%, you get **22.0906, 14.1633, 60.6013**, and if you desaturate by 10%, it is **30.4495, 24.3136, 62.1200**.

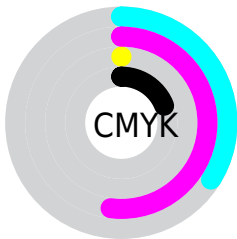
Distribution



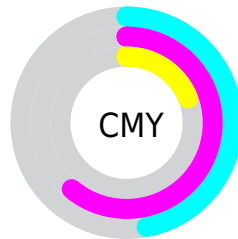
- Red (53%)
- Green (39%)
- Blue (81%)



- Red (53%)
- Yellow (39%)
- Blue (81%)



- Cyan (34%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8777, 18.6629, 61.2699 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 25.8777, 18.6629, 61.2699 by changing the saturation by 10% instead.

■ 25.8777, 18.6629,
61.2699

■ 25.8777, 18.6629,
61.2699

274.4489,
244.5814, 447.1968

■ 16.8644, 11.4270,
44.0111

■ 52.5103, 41.1637,
108.2310

■ 10.2325, 6.3548,
30.3419

■ 70.8603, 57.1973,
138.7703

■ 5.6169, 3.0620,
19.8440

■ 93.0532, 76.9323,
174.5735

■ 2.6520, 1.1642,
12.0988

■ 119.4543,
100.7531, 216.0591

■ 0.9725, 0.0322,
6.6876

150.4291,
129.0440, 263.6457

■ 0.0000, 0.0000,
3.1920

186.3429,

■ 0.0000, 0.0000,

162.1894, 317.7519

1.1935

227.5611,
200.5737, 378.7960

■ 0.0000, 0.0000,
0.0000

■ 25.8777, 18.6629,
61.2699

■ 25.8777, 18.6629,
61.2699

■ 22.0906, 14.1633,
60.6013

■ 30.4495, 24.3136,
62.1200

■ 19.0362, 10.7289,
60.0994

■ 35.8487, 31.1886,
63.1624

■ 16.6591, 8.2646,
59.7491

■ 42.1174, 39.3573,
64.4088

■ 14.8934, 6.6563,
59.5317

■ 49.2941, 48.8832,
65.8692

■ 13.8553, 5.8416,
59.4292

■ 57.4148, 59.8256,
67.5533

■ 66.5136, 72.2402,
69.4700

■ 76.6226, 86.1797,
71.6278

■ 84.6325, 95.4136,
72.9879

■ 88.2626, 97.2850,
73.1578

Harmonies

Analogous

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



19.2280, 18.6629, 76.0799



25.8777, 18.6629, 61.2699



31.0454, 18.6629, 36.6652

Triad

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



25.8777, 18.6629, 61.2699



22.7806, 18.6629, 2.3504



8.3819, 18.6629, 24.7614

Complementary

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



25.8777, 18.6629, 61.2699



41.1425, 54.0728, 20.0735

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.



8.9092, 18.6629, 9.7395



25.8777, 18.6629, 61.2699



16.3280, 18.6629, 1.8176

Square

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



25.8777, 18.6629, 61.2699



28.9873, 18.6629, 5.9660



11.5146, 18.6629, 3.4801



9.8569, 18.6629, 48.3885

Rectangle

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



25.8777, 18.6629, 61.2699



32.4076, 18.6629, 22.1354



11.5146, 18.6629, 3.4801



8.3377, 18.6629, 18.6080

Sweetspot

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



25.8785, 18.6636, 61.2703



74.1988, 71.9376, 104.5824



30.9714, 36.2840, 64.4030



15.3692, 14.7176, 22.2807



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.



25.8785, 18.6636, 61.2703



34.5497, 21.7142, 96.9780



36.7110, 24.2480, 61.7773



11.5401, 11.6117, 14.8767



8.8212, 3.7278, 37.4471



0.5775, 0.2519, 2.0977

Inverse Universe

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



37.4499, 25.0917, 40.8991



55.6945, 33.4960, 58.1487



31.9015, 49.3088, 19.6410



12.1315, 11.9374, 13.9684



19.0618, 9.4975, 15.7633



1.1023, 0.5456, 1.0733

Previews

White Background



This preview shows how the XYZ color 25.8777, 18.6629, 61.2699 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 25.8777, 18.6629, 61.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

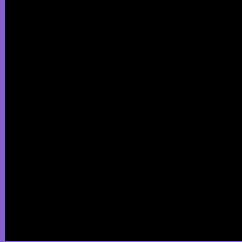
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8777, 18.6629, 61.2699

Background



This preview shows how black text looks on a background with the XYZ color 25.8777, 18.6629, 61.2699.



This preview shows how white text looks on a background with the XYZ color 25.8777, 18.6629,

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

25.8777, 18.6629, 61.2699

Protanopia

21.6865, 18.8967, 73.0254

Deuteranopia

19.4225, 18.9311, 58.5075



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

25.8777, 18.6629, 61.2699

Protanomaly

22.3506, 18.3377, 68.6912

Deuteranomaly

20.8287, 18.2446, 59.5505

Tritanomaly

20.4842, 18.4583, 34.3815

Monochromacy



Original Color

25.8777, 18.6629, 61.2699

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.5195, 18.8466, 32.6932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8777, 18.6629, 61.2699 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(136, 99, 207)` looks like.

```
.text, #text, p{  
    color:rgb(136, 99, 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(136, 99, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 99, 207) }
```

Border

The CSS property to change the border of an element to XYZ 25.8777, 18.6629, 61.2699 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(136, 99, 207) }
```


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

```
.border{ border-color:rgb(136, 99, 207) }
```

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

Here you see how a box with a 4 pixel rgb(136, 99, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 99, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 99, 207);  
box-shadow:4px 4px 4px 4px rgb(136, 99,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8777, 18.6629, 61.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 99, 207) }
```

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

```
.background{ background-color: rgb(136, 99,  
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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