

Converting Colors

XYZ(25.1978, 18.0555, 84.6284)

Have a look what the booklet for
XYZ(25.1978, 18.0555, 84.6284)
contains.

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Color

**XYZ(25.2057, 18.0854,
84.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	6065F0
RGB	96, 101, 240
RGB Percent	38%, 40%, 94%
CMY	0.6235, 0.6039, 0.0588
CMYK	0.60, 0.58, 0.00, 0.06
HSL	238°, 83%, 66%
HSV	238°, 60%, 94%
XYZ	25.2057, 18.0854, 84.6004
YIQ	115.3510, -47.5990, 42.1690

Conversions

Conversions Part 2

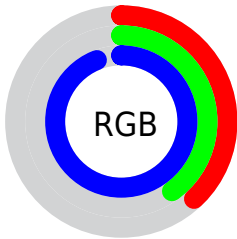
Format	Color
R _Y B	96, 101, 240
Decimal	6317552
CIE Lab	49.60, 38.48, -70.76
CIE LCh	50, 80.548, 298.536
Yxy	18.0854, 0.1971, 0.1414
Android (android.graphics.Color)	4284507632 (0xFF6065F0)
YUV	115.3510, 61.4520, -16.9708
Hunter-Lab	42.5269, 31.3748, -88.1789

Details

The XYZ color **25.2057, 18.0854, 84.6004** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **67.7576, 78.7911, 22.7051**, and the grayscale version is **16.2326, 17.0780, 18.5979**.

A 20% lighter version of the original color is **43.3788, 36.9456, 99.4526**, and **9.8789, 6.0637, 45.4495** is the 20% darker color. If you saturate the color by 10%, you get **21.1138, 13.0943, 83.8531**, and if you desaturate by 10%, it is **30.7038, 24.7424, 85.5960**.

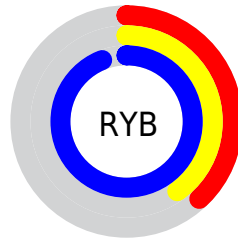
Distribution



Red (38%)

Green (40%)

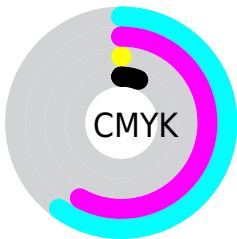
Blue (94%)



Red (38%)

Yellow (40%)

Blue (94%)

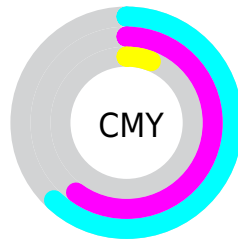


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (62%)

Magenta (60%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2057, 18.0854, 84.6004 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 25.2057, 18.0854, 84.6004 by changing the saturation by 10% instead.

■ 25.2057, 18.0854,
84.6004

■ 25.2057, 18.0854,
84.6004

271.1896,
241.3520, 530.4149

■ 16.3599, 11.0113,
62.9630

■ 51.4312, 40.1828,
141.6839

■ 9.8717, 6.0745,
45.3705

■ 69.5417, 55.9749,
177.9672

■ 5.3756, 2.8904,
31.4043

■ 91.4711, 75.4418,
219.9694

■ 2.5063, 1.0748,
20.6458

■ 117.5848, 98.9679,
268.1092

■ 0.8984, 0.0000,
12.6767

148.2481,
126.9375, 322.8051

■ 0.0000, 0.0000,
7.0782

183.8265,

■ 0.0000, 0.0000,

159.7352, 384.4757

3.4318

224.6852,
197.7452, 453.5395

■ 0.0000, 0.0000,
1.3191

■ 0.0000, 0.0000,
0.0774

■ 25.2057, 18.0854,
84.6004

■ 25.2057, 18.0854,
84.6004

■ 21.1138, 13.0943,
83.8531

■ 30.7038, 24.7424,
85.5960

■ 18.2978, 9.6205,
83.3310

■ 37.7172, 33.1934,
86.8575

■ 16.6082, 7.4917,
83.0092

■ 46.3477, 43.5557,
88.4028

■ 15.8187, 6.4722,
82.8540

■ 56.6872, 55.9364,
90.2476

■ 15.8186, 6.4720,
82.8540

■ 68.8210, 70.4345,
92.4065

■ 82.8283, 87.1425,
94.8932

■ 92.7283, 99.0713,
96.6739

Harmonies

Analogous

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



16.8170, 18.0854, 98.7990



25.2057, 18.0854, 84.6004



33.0113, 18.0854, 50.8265

Triad

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



25.2057, 18.0854, 84.6004



26.0541, 18.0854, 1.1911



6.2892, 18.0854, 18.6365

Complementary

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



25.2057, 18.0854, 84.6004



67.7576, 78.7911, 22.7051

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.



7.4573, 18.0854, 4.8835



25.2057, 18.0854, 84.6004



17.5677, 18.0854, 0.3492

Square

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



25.2057, 18.0854, 84.6004



33.5946, 18.0854, 5.6559



11.0836, 18.0854, 1.0330



7.2443, 18.0854, 47.4033

Rectangle

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



25.2057, 18.0854, 84.6004



35.9805, 18.0854, 29.2932



11.0836, 18.0854, 1.0330



6.4378, 18.0854, 12.4578

Sweetspot

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



25.2066, 18.0859, 84.6009



67.5905, 67.2253, 104.0211



50.6644, 70.6795, 87.9140



13.6562, 13.4191, 22.1203



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.



25.2066, 18.0859, 84.6009



23.3858, 13.9904, 96.0756



34.5703, 22.2151, 84.9044



14.9412, 15.3165, 19.8905



8.6789, 3.5821, 45.3619



0.7374, 0.3287, 3.7788

Inverse Universe

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



42.4679, 27.8320, 15.4458



44.8855, 26.3642, 9.8869



50.9968, 72.3027, 22.3361



15.7950, 15.7677, 16.4768



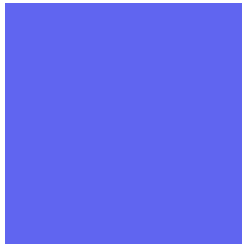
19.7063, 10.1550, 1.1043



1.6471, 0.8479, 0.1327

Previews

White Background



This preview shows how the XYZ color 25.2057, 18.0854, 84.6004 looks on a white background.

Color Contrast Check

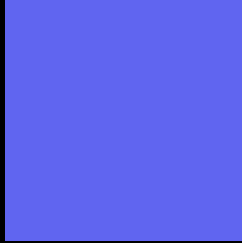
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2057, 18.0854, 84.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

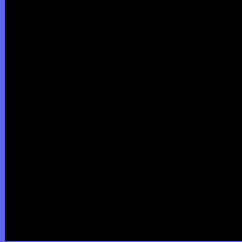
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2057, 18.0854, 84.6004

Background



This preview shows how black text looks on a background with the XYZ color 25.2057, 18.0854, 84.6004.

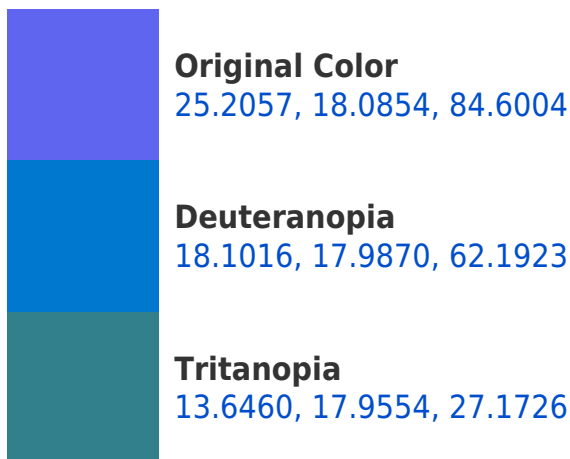


This preview shows how white text looks on a background with the XYZ color 25.2057, 18.0854,

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



Trichromacy



Original Color

25.2057, 18.0854, 84.6004



Deuteranomaly

19.5165, 17.3349, 70.0275



Tritanomaly

16.5617, 17.2497, 43.5309

Monochromacy



Original Color

25.2057, 18.0854, 84.6004



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

18.1054, 16.8781, 35.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2057, 18.0854, 84.6004 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(96, 101, 240)` looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 240)  
}
```

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(96, 101, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 240) }
```

Border

The CSS property to change the border of an element to XYZ 25.2057, 18.0854, 84.6004 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(96, 101, 240) }
```

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

```
.border{ border-color:rgb(96, 101, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 101, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 101, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 101, 240);  
box-shadow:4px 4px 4px 4px rgb(96, 101,  
240) }
```


Background

The CSS property to change the background color of an element to XYZ 25.2057, 18.0854, 84.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 240) }
```

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

```
.background{ background-color: rgb(96, 101,  
240) }
```

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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