

Converting Colors

XYZ(25.7205, 18.6599, 96.8538)

Have a look what the booklet for
XYZ(25.7205, 18.6599, 96.8538)
contains.

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Color

**XYZ(25.7001, 18.6627,
96.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	4769FF
RGB	71, 105, 255
RGB Percent	28%, 41%, 100%
CMY	0.7215, 0.5882, 0.0000
CMYK	0.72, 0.59, 0.00, 0.00
HSL	229°, 100%, 64%
HSV	229°, 72%, 100%
XYZ	25.7001, 18.6627, 96.8555
YIQ	111.9340, -68.4140, 39.4420

Conversions

Conversions Part 2

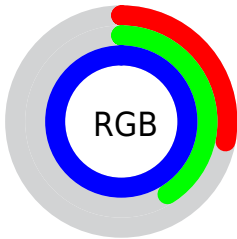
Format	Color
R _Y B	71, 100, 255
Decimal	4680191
CIE Lab	50.29, 37.59, -78.05
CIE LCh	50, 86.633, 295.714
Yxy	18.6627, 0.1820, 0.1322
Android (android.graphics.Color)	4282870271 (0xFF4769FF)
YUV	111.9340, 70.5315, -35.8991
Hunter-Lab	43.2003, 30.5899, -102.6884

Details

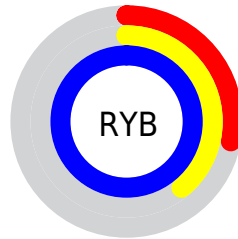
The XYZ color **25.7001, 18.6627, 96.8555** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **68.2377, 73.4351, 16.5413**, and the grayscale version is **15.1974, 15.9889, 17.4119**.

A 20% lighter version of the original color is **40.9230, 36.6597, 99.5269**, and **11.6420, 7.1591, 53.5916** is the 20% darker color. If you saturate the color by 10%, you get **22.3415, 14.1629, 96.1639**, and if you desaturate by 10%, it is **30.3619, 24.6025, 97.7563**.

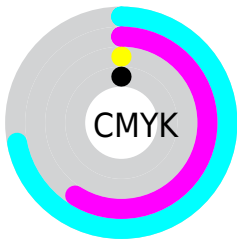
Distribution



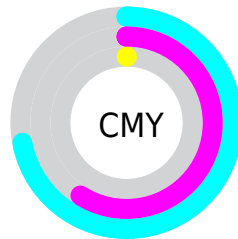
- Red (28%)
- Green (41%)
- Blue (100%)



- Red (28%)
- Yellow (39%)
- Blue (100%)



- Cyan (72%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7001, 18.6627, 96.8555 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 25.7001, 18.6627, 96.8555 by changing the saturation by 10% instead.

■ 25.7001, 18.6627,
96.8555

■ 25.7001, 18.6627,
96.8555

273.5905,
244.5803, 571.2236

■ 16.7309, 11.4268,
73.0749

■ 52.2255, 41.1634,
158.8431

■ 10.1369, 6.3547,
53.5450

■ 70.5124, 57.1969,
197.8872

■ 5.5528, 3.0619,
37.8473

■ 92.6360, 76.9318,
242.8562

■ 2.6132, 1.1641,
25.5633

■ 118.9615,
100.7525, 294.1686

■ 0.9527, 0.0321,
16.2744

149.8544,
129.0432, 352.2431

■ 0.0000, 0.0000,
9.5621

185.6799,

■ 0.0000, 0.0000,

162.1885, 417.4980

5.0078

226.8035,
200.5728, 490.3520

■ 0.0000, 0.0000,
2.1930

■ 0.0000, 0.0000,
0.6703

■ 25.7001, 18.6627,
96.8555

■ 25.7001, 18.6627,
96.8555

■ 22.3415, 14.1629,
96.1639

■ 30.3619, 24.6025,
97.7563

■ 20.1396, 10.9706,
95.6638

■ 36.4462, 32.0951,
98.8818

■ 19.0707, 9.2614,
95.3902

■ 44.0611, 41.2431,
100.2462

■ 53.3034, 52.1396,
101.8623

■ 64.2617, 64.8707,
103.7421

■ 77.0181, 79.5166,
105.8967

■ 91.6494, 96.1530,
108.3367

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



16.5597, 18.6627, 110.0036



25.7001, 18.6627, 96.8555



34.6876, 18.6627, 59.0466

Triad

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



25.7001, 18.6627, 96.8555



28.4679, 18.6627, 1.0607



6.0233, 18.6627, 17.0593

Complementary

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



25.7001, 18.6627, 96.8555



68.2377, 73.4351, 16.5413

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.



7.4681, 18.6627, 3.8232



25.7001, 18.6627, 96.8555



18.9716, 18.6627, 0.0222

Square

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



25.7001, 18.6627, 96.8555



36.6075, 18.6627, 6.1425



11.6184, 18.6627, 0.6050



6.8111, 18.6627, 47.6857

Rectangle

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



25.7001, 18.6627, 96.8555



38.4178, 18.6627, 33.9882



11.6184, 18.6627, 0.6050



6.2469, 18.6627, 10.9181

Sweetspot

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



25.7010, 18.6631, 96.8555



64.4417, 65.0785, 103.7727



51.0409, 77.9326, 78.8211



13.1182, 13.1491, 22.0966



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.



25.7010, 18.6631, 96.8555



21.1395, 12.4608, 95.8987



28.9391, 16.1796, 96.2055



17.2744, 17.9204, 22.7985



10.0422, 4.9941, 49.8693



1.0471, 0.6249, 4.8787

Inverse Universe

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



46.0438, 26.7880, 16.1083



43.0285, 22.8522, 8.6447



60.6648, 84.2275, 19.0236



18.1464, 18.0419, 19.3881



21.8571, 11.2321, 2.6318



2.1631, 1.1076, 0.4405

Previews

White Background



This preview shows how the XYZ color 25.7001, 18.6627, 96.8555 looks on a white background.

Color Contrast Check

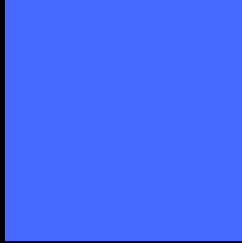
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7001, 18.6627, 96.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

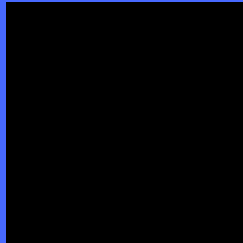
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7001, 18.6627, 96.8555

Background



This preview shows how black text looks on a background with the XYZ color 25.7001, 18.6627, 96.8555.



This preview shows how white text looks on a background with the XYZ color 25.7001, 18.6627,

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

25.7001, 18.6627, 96.8555

Protanopia

22.1950, 18.5057, 87.1962

Deuteranopia

18.4682, 18.5225, 62.9234



Tritanopia

13.0590, 18.4256, 28.0675

Trichromacy



Original Color

25.7001, 18.6627, 96.8555

Protanomaly

22.8989, 18.3039, 90.3218

Deuteranomaly

20.3989, 18.2014, 74.3896

Tritanomaly

15.8290, 17.5161, 46.8026

Monochromacy



Original Color

25.7001, 18.6627, 96.8555

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.0992, 16.1590, 37.3397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7001, 18.6627, 96.8555 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(71, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 105, 255)  
}
```

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(71, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.7001, 18.6627, 96.8555 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(71, 105, 255) }
```


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

```
.border{ border-color:rgb(71, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 105,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7001, 18.6627, 96.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 105, 255) }
```

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

```
.background{ background-color: rgb(71, 105,  
255) }
```

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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