

Converting Colors

XYZ(25.7272, 20.3518, 97.1801)

Have a look what the booklet for
XYZ(25.7272, 20.3518, 97.1801)
contains.

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Color

**XYZ(25.7021, 20.2657,
97.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	3673FF
RGB	54, 115, 255
RGB Percent	21%, 45%, 100%
CMY	0.7882, 0.5490, 0.0000
CMYK	0.79, 0.55, 0.00, 0.00
HSL	222°, 100%, 61%
HSV	222°, 79%, 100%
XYZ	25.7021, 20.2657, 97.1648
YIQ	112.7210, -81.2960, 30.6080

Conversions

Conversions Part 2

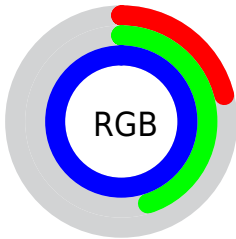
Format	Color
R _Y B	54, 101, 255
Decimal	3568639
CIE Lab	52.14, 29.64, -75.07
CIE LCh	52, 80.714, 291.544
Yxy	20.2657, 0.1796, 0.1416
Android (android.graphics.Color)	4281758719 (0xFF3673FF)
YUV	112.7210, 70.1435, -51.4983
Hunter-Lab	45.0174, 23.1316, -96.4582

Details

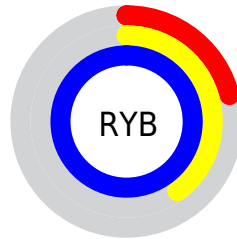
The XYZ color **25.7021, 20.2657, 97.1648** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **61.2024, 60.1188, 11.8707**, and the grayscale version is **15.4318, 16.2355, 17.6805**.

A 20% lighter version of the original color is **40.8921, 39.2383, 100.0262**, and **12.1452, 8.1655, 53.7593** is the 20% darker color. If you saturate the color by 10%, you get **22.8398, 16.0674, 96.5053**, and if you desaturate by 10%, it is **29.6728, 25.6147, 97.9879**.

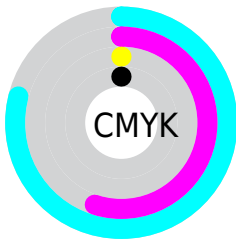
Distribution



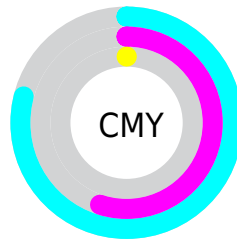
- Red (21%)
- Green (45%)
- Blue (100%)



- Red (21%)
- Yellow (40%)
- Blue (100%)



- Cyan (79%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7021, 20.2657, 97.1648 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 25.7021, 20.2657, 97.1648 by changing the saturation by 10% instead.

■ 25.7021, 20.2657,
97.1648

■ 25.7021, 20.2657,
97.1648

273.6002,
253.3499, 572.2328

■ 16.7324, 12.5883,
73.3312

■ 52.2287, 43.8622,
159.2732

■ 10.1380, 7.1457,
53.7534

■ 70.5163, 60.5501,
198.3851

■ 5.5535, 3.5534,
38.0127

■ 92.6407, 81.0104,
243.4269

■ 2.6136, 1.4270,
25.6906

■ 118.9671,
105.6273, 294.8171

■ 0.9529, 0.2365,
16.3687

149.8608,
134.7853, 352.9743

■ 0.0000, 0.0000,
9.6282

185.6874,

■ 0.0000, 0.0000,

168.8688, 418.3169

5.0508

226.8121,
208.2622, 491.2636

■ 0.0000, 0.0000,
2.2178

■ 0.0000, 0.0000,
0.6846

■ 25.7021, 20.2657,
97.1648

■ 25.7021, 20.2657,
97.1648

■ 22.8398, 16.0674,
96.5053

■ 29.6728, 25.6147,
97.9879

■ 20.9181, 12.9000,
95.9952

■ 34.8683, 32.2052,
98.9862

■ 20.7299, 12.5798,
95.9433

■ 41.3917, 40.1188,
100.1699

■ 49.3337, 49.4292,
101.5484

■ 58.7767, 60.2041,
103.1304

■ 69.7965, 72.5063,
104.9242

■ 82.4636, 86.3951,
106.9374

■ 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.



17.0198, 20.2657, 104.5530



25.7021, 20.2657, 97.1648



34.5666, 20.2657, 64.1596

Triad

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



25.7021, 20.2657, 97.1648



30.9228, 20.2657, 2.1755



7.4367, 20.2657, 16.0308

Complementary

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



25.7021, 20.2657, 97.1648



61.2024, 60.1188, 11.8707

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.



9.3101, 20.2657, 4.1449



25.7021, 20.2657, 97.1648



21.6929, 20.2657, 0.7029

Square

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



25.7021, 20.2657, 97.1648



38.1312, 20.2657, 9.2236



13.9989, 20.2657, 1.0376



7.9446, 20.2657, 43.3361

Rectangle

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



25.7021, 20.2657, 97.1648



38.5946, 20.2657, 39.8232



13.9989, 20.2657, 1.0376



7.7835, 20.2657, 10.5721

Sweetspot

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



25.7030, 20.2662, 97.1648



63.8827, 65.9345, 103.9674



46.7256, 76.0821, 61.7185



12.8574, 13.1979, 22.1197



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.



25.7030, 20.2662, 97.1648



21.5603, 13.9996, 96.1736



23.6712, 12.0774, 95.6913



17.4524, 18.2763, 22.8578



10.9460, 6.8015, 50.1705



1.1570, 0.8448, 4.9153

Inverse Universe

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



45.6545, 25.1379, 18.6654



43.0706, 22.2175, 10.8758



65.3857, 86.7156, 16.7840



18.2362, 18.0778, 19.8611



22.3132, 11.4146, 5.0339



2.2186, 1.1298, 0.7327

Previews

White Background



This preview shows how the XYZ color 25.7021, 20.2657, 97.1648 looks on a white background.

Color Contrast Check

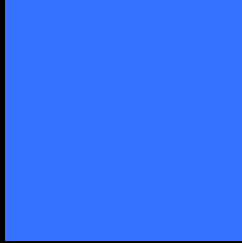
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7021, 20.2657, 97.1648 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 25.7021, 20.2657, 97.1648

Background



This preview shows how black text looks on a background with the XYZ color 25.7021, 20.2657, 97.1648.

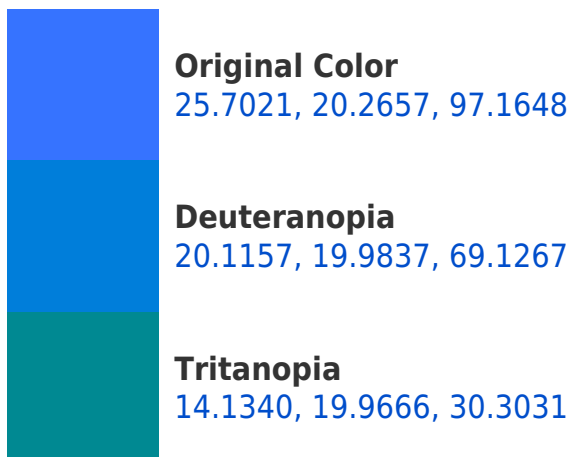


This preview shows how white text looks on a background with the XYZ color 25.7021, 20.2657,

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

25.7021, 20.2657, 97.1648

Deuteranomaly

21.6718, 19.8373, 78.2881

Tritanomaly

17.0017, 19.3944, 49.3018

Monochromacy



Original Color

25.7021, 20.2657, 97.1648

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.2225, 17.0266, 37.9760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7021, 20.2657, 97.1648 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(54, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 115, 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(54, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.7021, 20.2657, 97.1648 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(54, 115, 255) }
```

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

```
.border{ border-color:rgb(54, 115, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 115, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 115,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 25.7021, 20.2657, 97.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 115, 255) }
```

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

```
.background{ background-color: rgb(54, 115,  
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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