

Converting Colors

XYZ(25.2446, 20.8956, 97.3105)

Have a look what the booklet for
XYZ(25.2446, 20.8956, 97.3105)
contains.

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Color

**XYZ(25.2454, 20.8998,
97.3112)**

Conversions

Conversions Part 1

Format	Color
Hex	1C78FF
RGB	28, 120, 255
RGB Percent	11%, 47%, 100%
CMY	0.8900, 0.5294, 0.0000
CMYK	0.89, 0.53, 0.00, 0.00
HSL	216°, 100%, 55%
HSV	216°, 89%, 100%
XYZ	25.2454, 20.8998, 97.3112
YIQ	107.8820, -98.1670, 22.4810

Conversions

Conversions Part 2

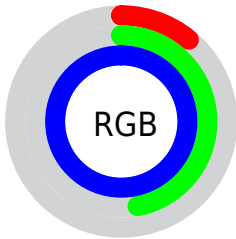
Format	Color
R _Y B	28, 93, 255
Decimal	1865983
CIE Lab	52.84, 24.68, -73.96
CIE LCh	53, 77.968, 288.455
Yxy	20.8998, 0.1760, 0.1457
Android (android.graphics.Color)	4280056063 (0xFF1C78FF)
YUV	107.8820, 72.5292, -70.0565
Hunter-Lab	45.7163, 18.5675, -94.2026

Details

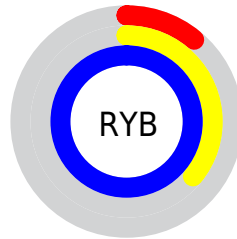
The XYZ color **25.2454, 20.8998, 97.3112** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **54.5539, 47.5518, 7.4041**, and the grayscale version is **14.0474, 14.7790, 16.0943**.

A 20% lighter version of the original color is **40.2207, 40.2678, 100.2603**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **23.1162, 17.3053, 96.7296**, and if you desaturate by 10%, it is **28.2340, 25.3662, 98.0158**.

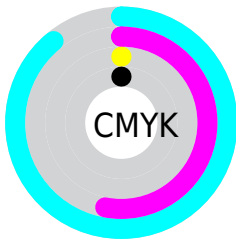
Distribution



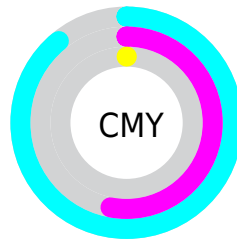
- Red (11%)
- Green (47%)
- Blue (100%)



- Red (11%)
- Yellow (36%)
- Blue (100%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2454, 20.8998, 97.3112 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 25.2454, 20.8998, 97.3112 by changing the saturation by 10% instead.

■ 25.2454, 20.8998,
97.3112

■ 25.2454, 20.8998,
97.3112

271.3830,
256.7455, 572.7101

■ 16.3897, 13.0508,
73.4526

■ 51.4951, 44.9207,
159.4767

■ 9.8929, 7.4635,
53.8521

■ 69.6198, 61.8614,
198.6207

■ 5.3897, 3.7536,
38.0910

■ 91.5648, 82.6014,
243.6969

■ 2.5148, 1.5367,
25.7510

■ 117.6956,
107.5252, 295.1239

■ 0.9027, 0.3144,
16.4133

■ 148.3774,
137.0171, 353.3202

■ 0.0000, 0.0000,
9.6596

183.9757,

■ 0.0000, 0.0000,

171.4615, 418.7043

5.0712

224.8558,
211.2428, 491.6947

■ 0.0000, 0.0000,
2.2296

■ 0.0000, 0.0000,
0.6914

■ 25.2454, 20.8998,
97.3112

■ 25.2454, 20.8998,
97.3112

■ 23.1162, 17.3053,
96.7296

■ 28.2340, 25.3662,
98.0158

■ 22.9324, 16.9848,
96.6775

■ 32.2375, 30.8037,
98.8544

■ 37.3675, 37.2874,
99.8354

■ 43.7186, 44.8827,
100.9668

■ 51.3744, 53.6488,
102.2553

■ 60.4106, 63.6398,
103.7075

■ 70.8967, 74.9062,
105.3294

■ 82.8974, 87.4951,
107.1268

■ 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.



16.8925, 20.8998, 101.0434



25.2454, 20.8998, 97.3112



34.0404, 20.8998, 67.3392

Triad

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



25.2454, 20.8998, 97.3112



32.1650, 20.8998, 2.9894



8.1332, 20.8998, 14.9090

Complementary

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



25.2454, 20.8998, 97.3112



54.5539, 47.5518, 7.4041

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.



10.2985, 20.8998, 4.0897



25.2454, 20.8998, 97.3112



23.1664, 20.8998, 1.0300

Square

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



25.2454, 20.8998, 97.3112



38.7285, 20.8998, 11.3073



15.3085, 20.8998, 1.2181



8.4055, 20.8998, 40.1096

Rectangle

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



25.2454, 20.8998, 97.3112



38.2795, 20.8998, 43.5183



15.3085, 20.8998, 1.2181



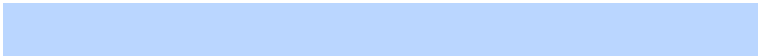
8.5693, 20.8998, 9.9406

Sweetspot

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



25.2464, 20.9003, 97.3113



62.3947, 65.7949, 104.0189



42.6230, 74.3206, 45.5552



12.6393, 13.3038, 22.1517



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.



25.2464, 20.9003, 97.3113



22.9324, 16.9848, 96.6775



19.6362, 8.6555, 95.2435



17.6072, 18.5861, 22.9094



12.1200, 9.1495, 50.5618



1.2840, 1.0986, 4.9577

Inverse Universe

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



45.0463, 23.4483, 19.9210



43.7044, 22.2458, 14.9074



70.5908, 89.4517, 14.6463



18.3144, 18.1091, 20.2728



22.9058, 11.6516, 8.1543



2.2827, 1.1555, 1.0701

Previews

White Background



This preview shows how the XYZ color 25.2454, 20.8998, 97.3112 looks on a white background.

Color Contrast Check

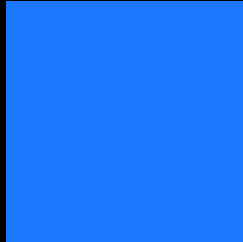
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2454, 20.8998, 97.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

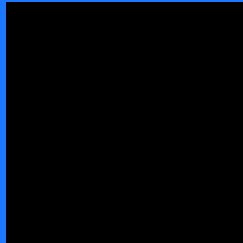
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

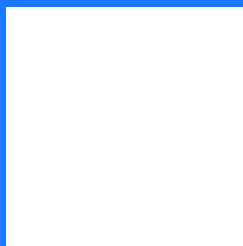
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2454, 20.8998, 97.3112

Background



This preview shows how black text looks on a background with the XYZ color 25.2454, 20.8998, 97.3112.



This preview shows how white text looks on a background with the XYZ color 25.2454, 20.8998,

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

25.2454, 20.8998, 97.3112

Protanopia

25.0350, 20.7914, 97.3014

Deuteranopia

20.7703, 20.6588, 71.2994



Tritanopia

14.5779, 20.6034, 31.2255

Trichromacy



Original Color

25.2454, 20.8998, 97.3112

Protanomaly

25.0973, 20.8235, 97.3043

Deuteranomaly

22.1668, 20.6150, 79.9016

Tritanomaly

17.3461, 20.1549, 49.9898

Monochromacy



Original Color

25.2454, 20.8998, 97.3112

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.4516, 15.8238, 35.9581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2454, 20.8998, 97.3112 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(28, 120, 255)` looks like.

```
.text, #text, p{  
  color:rgb(28, 120, 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(28, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 120, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.2454, 20.8998, 97.3112 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(28, 120, 255) }
```


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

```
.border{ border-color:rgb(28, 120, 255) }
```

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

Here you see how a box with a 4 pixel rgb(28, 120, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 120,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2454, 20.8998, 97.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 120, 255) }
```

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

```
.background{ background-color: rgb(28, 120,  
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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