

Converting Colors

XYZ(25.4884, 21.3859, 97.3923)

Have a look what the booklet for
XYZ(25.4884, 21.3859, 97.3923)
contains.

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Color

**XYZ(25.4884, 21.3859,
97.3923)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7AFF
RGB	28, 122, 255
RGB Percent	11%, 48%, 100%
CMY	0.8901, 0.5216, 0.0000
CMYK	0.89, 0.52, 0.00, 0.00
HSL	215°, 100%, 55%
HSV	215°, 89%, 100%
XYZ	25.4884, 21.3859, 97.3923
YIQ	109.0560, -98.7170, 21.4350

Conversions

Conversions Part 2

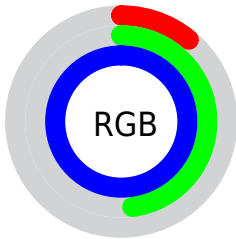
Format	Color
R _Y B	28, 94, 255
Decimal	1866495
CIE Lab	53.37, 23.43, -73.10
CIE LCh	53, 76.761, 287.769
Yxy	21.3859, 0.1767, 0.1482
Android (android.graphics.Color)	4280056575 (0xFF1C7AFF)
YUV	109.0560, 71.9504, -71.0861
Hunter-Lab	46.2449, 17.4538, -92.4940

Details

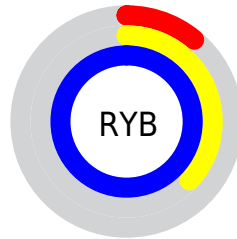
The XYZ color **25.4884, 21.3859, 97.3923** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **54.2009, 46.8458, 7.2862**, and the grayscale version is **14.3774, 15.1261, 16.4724**.

A 20% lighter version of the original color is **40.6573, 41.3437, 100.4450**, and **12.5941, 9.0634, 53.9089** is the 20% darker color. If you saturate the color by 10%, you get **23.3454, 17.7636, 96.8060**, and if you desaturate by 10%, it is **28.4840, 25.8665, 98.0992**.

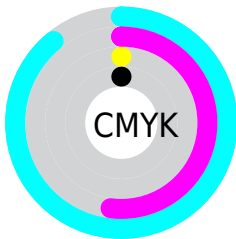
Distribution



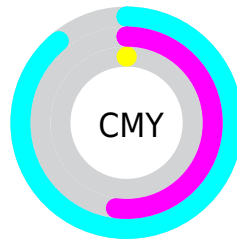
- Red (11%)
- Green (48%)
- Blue (100%)



- Red (11%)
- Yellow (37%)
- Blue (100%)



- Cyan (89%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4884, 21.3859, 97.3923 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 25.4884, 21.3859, 97.3923 by changing the saturation by 10% instead.

■ 25.4884, 21.3859,
97.3923

■ 25.4884, 21.3859,
97.3923

272.5645,
259.3223, 572.9745

■ 16.5720, 13.4064,
73.5198

■ 51.8857, 45.7289,
159.5894

■ 10.0232, 7.7090,
53.9067

■ 70.0972, 62.8612,
198.7512

■ 5.4767, 3.9093,
38.1344

■ 92.1378, 83.8131,
243.8465

■ 2.5672, 1.6230,
25.7844

■ 118.3729,
108.9692, 295.2938

■ 0.9293, 0.3730,
16.4381

■ 149.1677,
138.7137, 353.5117

■ 0.0000, 0.0000,
9.6770

184.8877,

■ 0.0000, 0.0000,

173.4312, 418.9188

5.0825

225.8982,
213.5059, 491.9335

■ 0.0000, 0.0000,
2.2362

■ 0.0000, 0.0000,
0.6951

■ 25.4884, 21.3859,
97.3923

■ 25.4884, 21.3859,
97.3923

■ 23.3454, 17.7636,
96.8060

■ 28.4840, 25.8665,
98.0992

■ 23.1600, 17.4401,
96.7533

■ 32.4870, 31.3031,
98.9376

■ 37.6084, 37.7697,
99.9158

■ 43.9423, 45.3308,
101.0414

■ 51.5717, 54.0442,
102.3212

■ 60.5719, 63.9634,
103.7614

■ 71.0119, 75.1378,
105.3681

■ 82.9559, 87.6137,
107.1466

■ 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.



17.1873, 21.3859, 100.3322



25.4884, 21.3859, 97.3923



34.2613, 21.3859, 68.2875

Triad

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



25.4884, 21.3859, 97.3923



32.7685, 21.3859, 3.3652



8.5446, 21.3859, 15.0204

Complementary

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



25.4884, 21.3859, 97.3923



54.2009, 46.8458, 7.2862

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.



10.7989, 21.3859, 4.2814



25.4884, 21.3859, 97.3923



23.8267, 21.3859, 1.2061

Square

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



25.4884, 21.3859, 97.3923



39.1763, 21.3859, 12.1078



15.9135, 21.3859, 1.3687



8.7662, 21.3859, 39.8235

Rectangle

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



25.4884, 21.3859, 97.3923



38.5344, 21.3859, 44.7003



15.9135, 21.3859, 1.3687



9.0063, 21.3859, 10.1085

Sweetspot

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



25.4893, 21.3864, 97.3923



62.5487, 66.1030, 104.0702



42.6228, 74.3205, 45.5546



12.6753, 13.3758, 22.1637



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.



25.4893, 21.3864, 97.3923



23.1600, 17.4401, 96.7533



19.6360, 8.6552, 95.2434



17.6208, 18.6131, 22.9139



12.2404, 9.3904, 50.6020



1.2965, 1.1236, 4.9618

Inverse Universe

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



45.1689, 23.4973, 20.5671



43.8193, 22.2917, 15.5125



70.5907, 89.4516, 14.6461



18.3212, 18.1118, 20.3087



22.9666, 11.6759, 8.4745



2.2890, 1.1580, 1.1033

Previews

White Background



This preview shows how the XYZ color 25.4884, 21.3859, 97.3923 looks on a white background.

Color Contrast Check

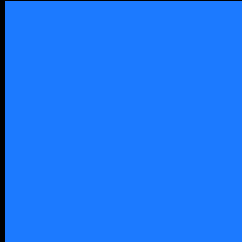
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4884, 21.3859, 97.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

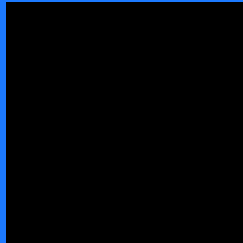
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

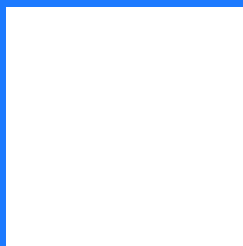
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4884, 21.3859, 97.3923

Background



This preview shows how black text looks on a background with the XYZ color 25.4884, 21.3859, 97.3923.



This preview shows how white text looks on a background with the XYZ color 25.4884, 21.3859,

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

25.4884, 21.3859, 97.3923

Protanopia

25.6052, 21.4461, 97.3977

Deuteranopia

21.3048, 21.0823, 73.4674



Tritanopia

15.0299, 21.2518, 32.1640

Trichromacy



Original Color

25.4884, 21.3859, 97.3923

Protanomaly

25.5746, 21.4304, 97.3963

Deuteranomaly

22.5814, 20.9844, 81.4575

Tritanomaly

17.7274, 20.7456, 50.6469

Monochromacy



Original Color

25.4884, 21.3859, 97.3923

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.8472, 16.3487, 36.5028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4884, 21.3859, 97.3923 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, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 122, 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, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 122, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.4884, 21.3859, 97.3923 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, 122, 255) }
```


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

```
.border{ border-color:rgb(28, 122, 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, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 122,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4884, 21.3859, 97.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 122, 255) }
```

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

```
.background{ background-color: rgb(28, 122,  
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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