

Converting Colors

XYZ(25.8928, 22.9696, 95.9992)

Have a look what the booklet for
XYZ(25.8928, 22.9696, 95.9992)
contains.

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Color

**XYZ(25.8891, 22.9518,
95.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	1581FD
RGB	21, 129, 253
RGB Percent	8%, 51%, 99%
CMY	0.9175, 0.4941, 0.0078
CMYK	0.92, 0.49, 0.00, 0.01
HSL	212°, 98%, 54%
HSV	212°, 92%, 99%
XYZ	25.8891, 22.9518, 95.9941
YIQ	110.8440, -104.1720, 15.6680

Conversions

Conversions Part 2

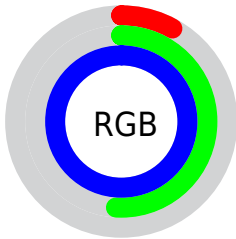
Format	Color
R _Y B	21, 95, 253
Decimal	1409533
CIE Lab	55.02, 17.98, -69.32
CIE LCh	55, 71.616, 284.541
Yxy	22.9518, 0.1787, 0.1585
Android (android.graphics.Color)	4279599613 (0xFF1581FD)
YUV	110.8440, 70.0829, -78.7932
Hunter-Lab	47.9080, 12.6208, -85.2647

Details

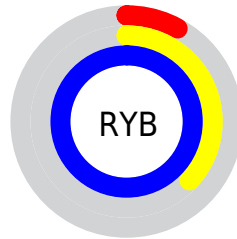
The XYZ color **25.8891, 22.9518, 95.9941** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **50.7758, 41.2007, 5.9879**, and the grayscale version is **14.8934, 15.6691, 17.0636**.

A 20% lighter version of the original color is **41.7763, 43.9808, 100.8950**, and **12.7928, 9.8250, 52.8519** is the 20% darker color. If you saturate the color by 10%, you get **24.1790, 19.9904, 95.5132**, and if you desaturate by 10%, it is **28.6233, 27.1834, 96.6674**.

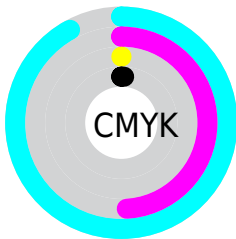
Distribution



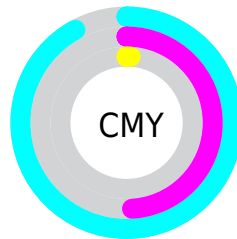
- Red (8%)
- Green (51%)
- Blue (99%)



- Red (8%)
- Yellow (37%)
- Blue (99%)



- Cyan (92%)
- Magenta (49%)
- Yellow (0%)
- Black (1%)



- Cyan (92%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8891, 22.9518, 95.9941 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 25.8891, 22.9518, 95.9941 by changing the saturation by 10% instead.

■ 25.8891, 22.9518,
95.9941

■ 25.8891, 22.9518,
95.9941

274.5039,
267.4773, 568.4080

■ 16.8729, 14.5579,
72.3612

■ 52.5286, 48.3142,
157.6447

■ 10.2387, 8.5097,
52.9651

■ 70.8826, 66.0515,
196.4994

■ 5.6210, 4.4228,
37.3874

■ 93.0799, 87.6720,
241.2651

■ 2.6545, 1.9128,
25.2095

■ 119.4859,
113.5602, 292.3604

■ 0.9738, 0.5560,
16.0127

■ 150.4660,
144.1004, 350.2038

■ 0.0000, 0.0000,
9.3787

186.3854,

■ 0.0000, 0.0000,

179.6771, 415.2139

4.8888

227.6096,
220.6746, 487.8091

■ 0.0000, 0.0000,
2.1246

■ 0.0000, 0.0000,
0.6303

■ 25.8891, 22.9518,
95.9941

■ 25.8891, 22.9518,
95.9941

■ 24.1790, 19.9904,
95.5132

■ 28.6233, 27.1834,
96.6674

■ 32.2725, 32.2497,
97.4529

■ 36.9485, 38.2205,
98.3589

■ 42.7442, 45.1554,
99.3920

■ 49.7410, 53.1075,
100.5582

■ 58.0120, 62.1253,
101.8629

■ 67.6242, 72.2535,
103.3112

■ 78.6396, 83.5341,
104.9080

■ 91.1160, 96.0065,
106.6578

Harmonies

Analogous

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



17.9833, 22.9518, 95.5487



25.8891, 22.9518, 95.9941



34.4122, 22.9518, 71.0798

Triad

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



25.8891, 22.9518, 95.9941



34.6479, 22.9518, 5.1268



10.1359, 22.9518, 15.0305

Complementary

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



25.8891, 22.9518, 95.9941



50.7758, 41.2007, 5.9879

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.



12.7420, 22.9518, 4.9559



25.8891, 22.9518, 95.9941



26.1557, 22.9518, 2.0758

Square

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



25.8891, 22.9518, 95.9941



40.2438, 22.9518, 15.5193



18.1924, 22.9518, 2.0413



10.0979, 22.9518, 37.6949

Rectangle

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



25.8891, 22.9518, 95.9941



38.7637, 22.9518, 48.9746



18.1924, 22.9518, 2.0413



10.7059, 22.9518, 10.4838

Sweetspot

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



25.8902, 22.9524, 95.9947



62.4908, 66.8997, 104.2271



40.5274, 72.4476, 38.5362



12.5162, 13.4035, 22.1774



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.



25.8902, 22.9524, 95.9947



24.6091, 20.3382, 97.2364



18.4990, 7.8877, 93.4765



17.6999, 18.7714, 22.9403



13.0049, 10.9193, 50.8568



1.3743, 1.2793, 4.9878

Inverse Universe

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



44.7397, 23.0056, 22.8515



44.5507, 22.5843, 19.3641



73.0112, 89.7661, 14.1900



18.3612, 18.1278, 20.5190



23.3525, 11.8303, 10.5065



2.3283, 1.1737, 1.3102

Previews

White Background



This preview shows how the XYZ color 25.8891, 22.9518, 95.9941 looks on a white background.

Color Contrast Check

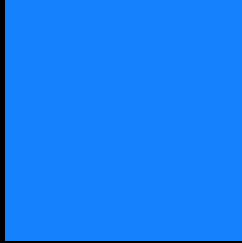
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8891, 22.9518, 95.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

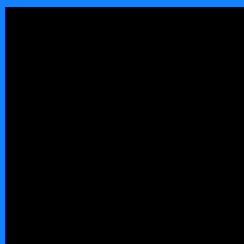
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

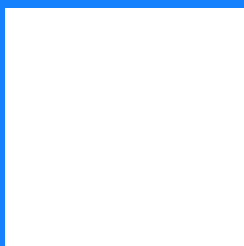
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8891, 22.9518, 95.9941

Background



This preview shows how black text looks on a background with the XYZ color 25.8891, 22.9518, 95.9941.



This preview shows how white text looks on a background with the XYZ color 25.8891, 22.9518,

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

25.8891, 22.9518, 95.9941

Protanopia

26.5797, 22.7845, 93.4394

Deuteranopia

23.2331, 22.9334, 80.2929

Trichromacy



Original Color

25.8891, 22.9518, 95.9941

Protanomaly

26.1287, 22.7246, 94.2759

Deuteranomaly

24.0796, 22.8454, 85.5786

Monochromacy



Original Color

25.8891, 22.9518, 95.9941

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.2312, 17.2209, 37.1188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8891, 22.9518, 95.9941 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(21, 129, 253)` looks like.

```
.text, #text, p{  
    color:rgb(21, 129, 253)  
}
```

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(21, 129, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 129, 253) }
```

Border

The CSS property to change the border of an element to XYZ 25.8891, 22.9518, 95.9941 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(21, 129, 253) }
```

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

```
.border{ border-color:rgb(21, 129, 253) }
```

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

Here you see how a box with a 4 pixel rgb(21, 129, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 129, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 129, 253);  
box-shadow:4px 4px 4px 4px rgb(21, 129,  
253) }
```


Background

The CSS property to change the background color of an element to XYZ 25.8891, 22.9518, 95.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 129, 253) }
```

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

```
.background{ background-color: rgb(21, 129,  
253) }
```

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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