

Converting Colors

XYZ(11.8341, 16.2353, 93.2124)

Have a look what the booklet for
XYZ(11.8341, 16.2353, 93.2124)
contains.

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Color

**XYZ(25.3716, 23.1347,
93.5707)**

Conversions

Conversions Part 1

Format	Color
Hex	0083FA
RGB	0, 131, 250
RGB Percent	0%, 51%, 98%
CMY	0.9997, 0.4863, 0.0196
CMYK	1.00, 0.48, 0.00, 0.02
HSL	209°, 100%, 49%
HSV	209°, 100%, 98%
XYZ	25.3716, 23.1347, 93.5707
YIQ	105.3970, -116.2750, 9.2370

Conversions

Conversions Part 2

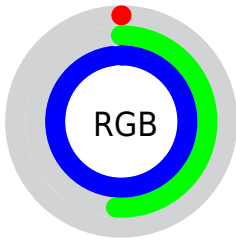
Format	Color
RYB	0, 86, 250
Decimal	33786
CIELab	55.21, 15.00, -67.37
CIELCh	55, 69.019, 282.549
Yxy	23.1347, 0.1786, 0.1628
Android (android.graphics.Color)	4278223866 (0xFF0083FA)
YUV	105.3970, 71.2893, -92.4332
Hunter-Lab	48.0985, 9.9849, -81.6735

Details

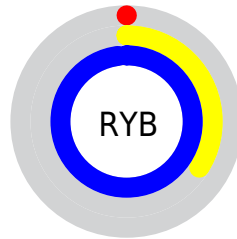
The XYZ color **25.3716, 23.1347, 93.5707** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **46.0305, 33.5352, 4.0490**, and the grayscale version is **13.3762, 14.0728, 15.3253**.

A 20% lighter version of the original color is **41.5390, 44.4665, 101.0013**, and **12.7189, 10.0368, 51.7190** is the 20% darker color. If you saturate the color by 10%, you get **25.3671, 23.1256, 93.5698**, and if you desaturate by 10%, it is **27.4661, 26.7258, 94.1540**.

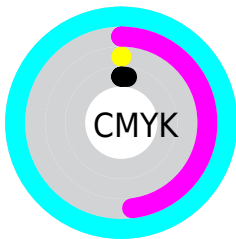
Distribution



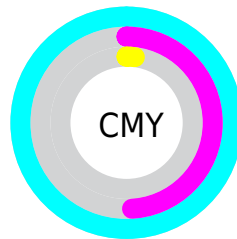
- Red (0%)
- Green (51%)
- Blue (98%)



- Red (0%)
- Yellow (34%)
- Blue (98%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (49%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3716, 23.1347, 93.5707 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 25.3716, 23.1347, 93.5707 by changing the saturation by 10% instead.

■ 25.3716, 23.1347,
93.5707

■ 25.3716, 23.1347,
93.5707

271.9971,
268.4161, 560.4461

■ 16.4843, 14.6930,
70.3556

■ 51.6980, 48.6144,
154.2670

■ 9.9605, 8.6042,
51.3379

■ 69.8678, 66.4212,
192.5854

■ 5.4349, 4.4839,
36.0990

■ 91.8626, 88.1185,
236.7752

■ 2.5420, 1.9478,
24.2204

■ 118.0475,
114.0907, 287.2551

■ 0.9165, 0.5769,
15.2835

■ 148.7881,
144.7221, 344.4436

■ 0.0000, 0.0000,
8.8697

184.4497,

■ 0.0000, 0.0000,

180.3972, 408.7593

4.5607

225.3976,
221.5004, 480.6206

■ 0.0000, 0.0000,
1.9377

■ 0.0000, 0.0000,
0.5166

■ 25.3716, 23.1347,
93.5707

■ 25.3716, 23.1347,
93.5707

■ 25.3671, 23.1256,
93.5698

■ 27.4661, 26.7258,
94.1540

■ 30.2637, 30.9607,
94.8240

■ 33.9285, 35.9325,
95.5905

■ 38.5619, 41.7014,
96.4598

■ 44.2493, 48.3192,
97.4374

■ 51.0660, 55.8321,
98.5283

■ 59.0798, 64.2822,
99.7369

■ 68.3528, 73.7085,
101.0676

■ 78.9424, 84.1472,
102.5244

Harmonies

Analogous

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



17.8337, 23.1347, 91.3329



25.3716, 23.1347, 93.5707



33.6217, 23.1347, 71.2355

Triad

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



25.3716, 23.1347, 93.5707



34.8266, 23.1347, 5.9996



10.6568, 23.1347, 14.4769

Complementary

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



25.3716, 23.1347, 93.5707



46.0305, 33.5352, 4.0490

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.



13.4063, 23.1347, 5.0654



25.3716, 23.1347, 93.5707



26.7440, 23.1347, 2.5120

Square

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



25.3716, 23.1347, 93.5707



39.8780, 23.1347, 17.0414



18.9210, 23.1347, 2.3151



10.4555, 23.1347, 35.5927

Rectangle

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



25.3716, 23.1347, 93.5707



37.9530, 23.1347, 50.2867



18.9210, 23.1347, 2.3151



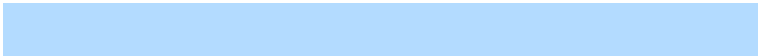
11.2777, 23.1347, 10.2428

Sweetspot

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



25.3727, 23.1353, 93.5713



61.7459, 67.1860, 104.3216



37.3803, 69.6496, 28.2126



12.4260, 13.5564, 22.2117



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.



25.3727, 23.1353, 93.5713



26.5178, 24.1557, 97.8726



17.3475, 7.0851, 90.8963



17.0355, 18.1479, 21.9903



13.6007, 12.5569, 49.6804



1.3658, 1.3754, 4.6367

Inverse Universe

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



43.5221, 21.9644, 23.4185



45.5142, 22.9697, 24.4375



71.0789, 83.6321, 12.3984



17.6245, 17.3771, 19.8782



23.1570, 11.6785, 12.8012



2.1983, 1.1031, 1.4679

Previews

White Background



This preview shows how the XYZ color 25.3716, 23.1347, 93.5707 looks on a white background.

Color Contrast Check

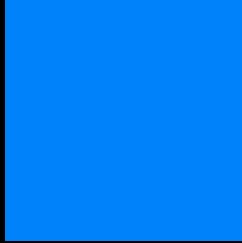
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3716, 23.1347, 93.5707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

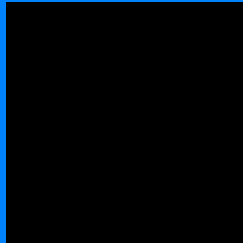
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

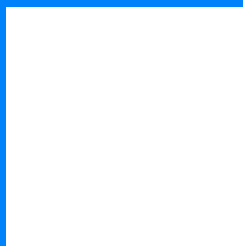
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3716, 23.1347, 93.5707

Background



This preview shows how black text looks on a background with the XYZ color 25.3716, 23.1347, 93.5707.



This preview shows how white text looks on a background with the XYZ color 25.3716, 23.1347,

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

25.3716, 23.1347, 93.5707

Protanopia

26.6078, 23.0615, 90.2377

Deuteranopia

23.5205, 23.0484, 81.8064



Tritanopia

16.2796, 22.9581, 35.0258

Trichromacy



Original Color

25.3716, 23.1347, 93.5707

Protanomaly

25.5039, 22.6673, 91.0267

Deuteranomaly

24.1157, 23.0663, 85.6193

Tritanomaly

18.8191, 22.7675, 52.1179

Monochromacy



Original Color

25.3716, 23.1347, 93.5707

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.5036, 15.6965, 34.6131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3716, 23.1347, 93.5707 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(0, 131, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 250)  
}
```

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(0, 131, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 250) }
```

Border

The CSS property to change the border of an element to XYZ 25.3716, 23.1347, 93.5707 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(0, 131, 250) }
```


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

```
.border{ border-color:rgb(0, 131, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3716, 23.1347, 93.5707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 250) }
```

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

```
.background{ background-color: rgb(0, 131,  
250) }
```

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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