

Converting Colors

XYZ(25.1852, 23.7548, 90.4475)

Have a look what the booklet for
XYZ(25.1852, 23.7548, 90.4475)
contains.

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Color

**XYZ(25.1596, 23.7040,
90.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	0086F6
RGB	0, 134, 246
RGB Percent	0%, 53%, 96%
CMY	0.9997, 0.4745, 0.0353
CMYK	1.00, 0.46, 0.00, 0.04
HSL	207°, 100%, 48%
HSV	207°, 100%, 96%
XYZ	25.1596, 23.7040, 90.4381
YIQ	106.7020, -115.8160, 6.4240

Conversions

Conversions Part 2

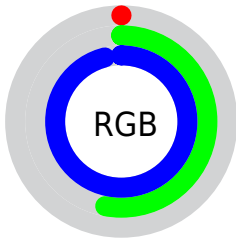
Format	Color
R _{YB}	0, 87, 246
Decimal	34550
CIE Lab	55.79, 11.60, -64.22
CIE LCh	56, 65.264, 280.237
Yxy	23.7040, 0.1806, 0.1702
Android (android.graphics.Color)	4278224630 (0xFF0086F6)
YUV	106.7020, 68.6739, -93.5777
Hunter-Lab	48.6868, 7.0407, -76.0534

Details

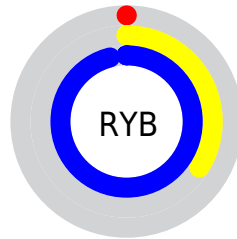
The XYZ color **25.1596, 23.7040, 90.4381** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **43.8080, 31.1958, 3.7143**, and the grayscale version is **13.7378, 14.4532, 15.7396**.

A 20% lighter version of the original color is **42.2507, 46.0756, 101.2744**, and **12.5131, 10.3297, 49.4784** is the 20% darker color. If you saturate the color by 10%, you get **25.1558, 23.6961, 90.4373**, and if you desaturate by 10%, it is **27.1839, 27.1694, 91.0009**.

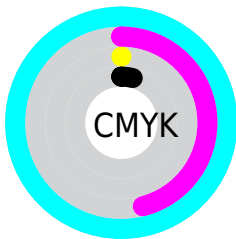
Distribution



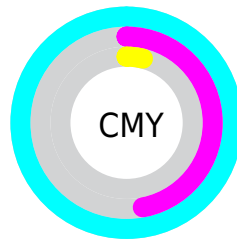
- Red (0%)
- Green (53%)
- Blue (96%)



- Red (0%)
- Yellow (34%)
- Blue (96%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (47%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1596, 23.7040, 90.4381 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 25.1596, 23.7040, 90.4381 by changing the saturation by 10% instead.

■ 25.1596, 23.7040,
90.4381

■ 25.1596, 23.7040,
90.4381

270.9648,
271.3206, 550.0618

■ 16.3254, 15.1142,
67.7683

■ 51.3571, 49.5467,
149.8876

■ 9.8470, 8.8996,
49.2437

■ 69.4510, 67.5685,
187.5044

■ 5.3591, 4.6757,
34.4459

■ 91.3622, 89.5029,
230.9406

■ 2.4964, 2.0583,
22.9562

■ 117.4560,
115.7346, 280.6148

■ 0.8934, 0.6410,
14.3562

■ 148.0979,
146.6478, 336.9454

■ 0.0000, 0.0000,
8.2273

183.6530,

■ 0.0000, 0.0000,

182.6269, 400.3511

4.1509

224.4869,
224.0564, 471.2504

■ 0.0000, 0.0000,
1.7085

■ 0.0000, 0.0000,
0.3665

■ 25.1596, 23.7040,
90.4381

■ 25.1596, 23.7040,
90.4381

■ 25.1558, 23.6961,
90.4373

■ 27.1839, 27.1694,
91.0009

■ 29.8709, 31.2271,
91.6425

■ 33.3790, 35.9657,
92.3722

■ 37.8046, 41.4416,
93.1959

■ 43.2292, 47.7033,
94.1186

■ 49.7246, 54.7939,
95.1449

■ 57.3553, 62.7526,
96.2789

■ 66.1803, 71.6157,
97.5245

■ 76.2544, 81.4171,
98.8854

Harmonies

Analogous

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



18.0454, 23.7040, 86.4501



25.1596, 23.7040, 90.4381



33.0497, 23.7040, 71.2029

Triad

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



25.1596, 23.7040, 90.4381



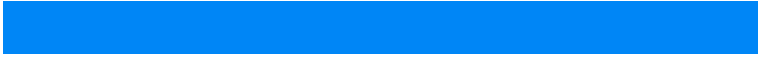
35.2582, 23.7040, 7.4002



11.6009, 23.7040, 14.3201

Complementary

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



25.1596, 23.7040, 90.4381



43.8080, 31.1958, 3.7143

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.



14.5192, 23.7040, 5.5053



25.1596, 23.7040, 90.4381



27.7020, 23.7040, 3.3000

Square

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



25.1596, 23.7040, 90.4381



39.6714, 23.7040, 19.2125



20.0902, 23.7040, 2.8744



11.2117, 23.7040, 33.7666

Rectangle

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



25.1596, 23.7040, 90.4381



37.3088, 23.7040, 51.8436



20.0902, 23.7040, 2.8744



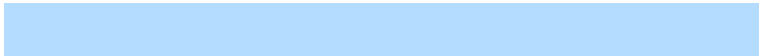
12.2825, 23.7040, 10.3849

Sweetspot

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



25.1607, 23.7047, 90.4387



62.1607, 68.0155, 104.4598



35.8115, 67.0543, 26.0182



12.5242, 13.7529, 22.2444



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.



25.1607, 23.7047, 90.4387



27.2641, 25.6482, 98.1214



16.7714, 6.9261, 87.6423



16.3290, 17.4224, 21.0448



13.5692, 12.9322, 48.3190



1.2953, 1.3420, 4.2810

Inverse Universe

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



42.3101, 21.3156, 24.4388



45.8908, 23.1203, 26.4210



67.3453, 78.2703, 11.5601



16.8767, 16.6335, 19.0971



22.6536, 11.4049, 13.4163



2.0429, 1.0231, 1.4521

Previews

White Background



This preview shows how the XYZ color 25.1596, 23.7040, 90.4381 looks on a white background.

Color Contrast Check

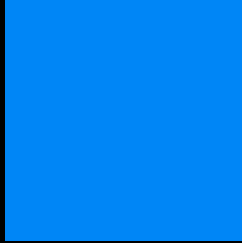
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1596, 23.7040, 90.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

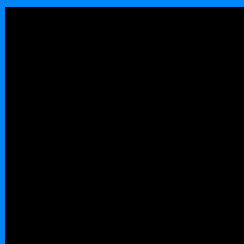
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

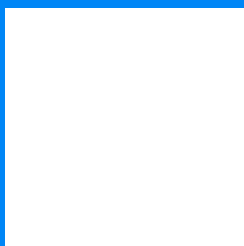
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1596, 23.7040, 90.4381

Background



This preview shows how black text looks on a background with the XYZ color 25.1596, 23.7040, 90.4381.



This preview shows how white text looks on a background with the XYZ color 25.1596, 23.7040,

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

25.1596, 23.7040, 90.4381

Protanopia

26.8693, 23.6711, 86.3719

Deuteranopia

24.2440, 23.5599, 84.9311



Tritanopia

16.7615, 23.6484, 36.0289

Trichromacy



Original Color

25.1596, 23.7040, 90.4381

Protanomaly

25.6094, 23.3818, 87.9574

Deuteranomaly

24.6910, 23.7388, 87.2851

Tritanomaly

19.1167, 23.3626, 52.2171

Monochromacy



Original Color

25.1596, 23.7040, 90.4381

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9167, 16.4201, 34.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1596, 23.7040, 90.4381 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, 134, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 246)  
}
```

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, 134, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 246) }
```

Border

The CSS property to change the border of an element to XYZ 25.1596, 23.7040, 90.4381 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, 134, 246) }
```


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

```
.border{ border-color:rgb(0, 134, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1596, 23.7040, 90.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 246) }
```

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

```
.background{ background-color: rgb(0, 134,  
246) }
```

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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