

Converting Colors

XYZ(12.5048, 17.1223, 92.9885)

Have a look what the booklet for
XYZ(12.5048, 17.1223, 92.9885)
contains.

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Color

**XYZ(25.7804, 23.9523,
93.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	0086FA
RGB	0, 134, 250
RGB Percent	0%, 53%, 98%
CMY	0.9997, 0.4745, 0.0196
CMYK	1.00, 0.46, 0.00, 0.02
HSL	208°, 100%, 49%
HSV	208°, 100%, 98%
XYZ	25.7804, 23.9523, 93.7070
YIQ	107.1580, -117.1000, 7.6680

Conversions

Conversions Part 2

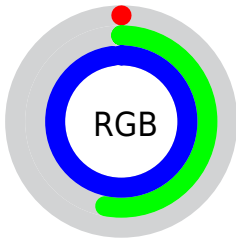
Format	Color
R _Y B	0, 87, 250
Decimal	34554
CIE Lab	56.04, 13.14, -66.03
CIE LCh	56, 67.328, 281.256
Yxy	23.9523, 0.1797, 0.1670
Android (android.graphics.Color)	4278224634 (0xFF0086FA)
YUV	107.1580, 70.4211, -93.9776
Hunter-Lab	48.9411, 8.3805, -79.2632

Details

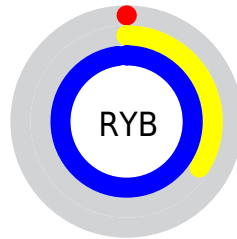
The XYZ color **25.7804, 23.9523, 93.7070** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **45.6787, 32.8317, 3.9317**, and the grayscale version is **13.8593, 14.5811, 15.8788**.

A 20% lighter version of the original color is **42.1645, 45.7173, 101.2098**, and **12.9534, 10.5058, 51.7972** is the 20% darker color. If you saturate the color by 10%, you get **25.7760, 23.9433, 93.7061**, and if you desaturate by 10%, it is **27.8760, 27.5456, 94.2907**.

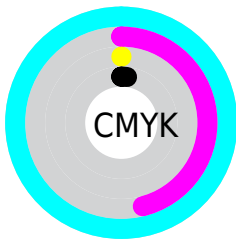
Distribution



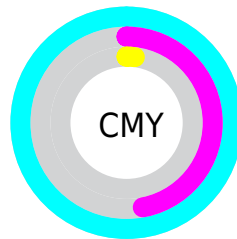
- Red (0%)
- Green (53%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (47%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7804, 23.9523, 93.7070 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 25.7804, 23.9523, 93.7070 by changing the saturation by 10% instead.

■ 25.7804, 23.9523,
93.7070

■ 25.7804, 23.9523,
93.7070

273.9789,
272.5792, 560.8955

■ 16.7912, 15.2982,
70.4683

■ 52.3543, 49.9523,
154.4572

■ 10.1801, 9.0290,
51.4293

■ 70.6697, 68.0671,
192.8059

■ 5.5817, 4.7601,
36.1713

■ 92.8247, 90.1043,
237.0283

■ 2.6307, 2.1072,
24.2758

■ 119.1844,
116.4482, 287.5430

■ 0.9616, 0.6687,
15.3242

■ 150.1144,
147.4832, 344.7685

■ 0.0000, 0.0000,
8.8981

185.9799,

■ 0.0000, 0.0000,

183.5938, 409.1234

4.5789

227.1463,
225.1644, 481.0262

■ 0.0000, 0.0000,
1.9480

■ 0.0000, 0.0000,
0.5230

■ 25.7804, 23.9523,
93.7070

■ 25.7804, 23.9523,
93.7070

■ 25.7760, 23.9433,
93.7061

■ 27.8760, 27.5456,
94.2907

■ 30.6664, 31.7662,
94.9583

■ 34.3155, 36.7064,
95.7195

■ 38.9239, 42.4255,
96.5805

■ 44.5769, 48.9744,
97.5467

■ 51.3492, 56.3987,
98.6227

■ 59.3084, 64.7395,
99.8132

■ 68.5161, 74.0353,
101.1222

■ 79.0295, 84.3216,
102.5535

Harmonies

Analogous

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



18.3311, 23.9523, 90.3837



25.7804, 23.9523, 93.7070



33.9937, 23.9523, 72.7209

Triad

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



25.7804, 23.9523, 93.7070



35.8120, 23.9523, 6.9190



11.4250, 23.9523, 14.6875

Complementary

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



25.7804, 23.9523, 93.7070



45.6787, 32.8317, 3.9317

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.



14.3305, 23.9523, 5.4245



25.7804, 23.9523, 93.7070



27.8639, 23.9523, 3.0065

Square

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



25.7804, 23.9523, 93.7070



40.5972, 23.9523, 18.6470



19.9961, 23.9523, 2.6796



11.1118, 23.9523, 35.2646

Rectangle

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



25.7804, 23.9523, 93.7070



38.3744, 23.9523, 52.2541



19.9961, 23.9523, 2.6796



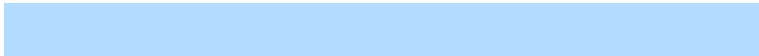
12.0940, 23.9523, 10.5392

Sweetspot

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



25.7815, 23.9530, 93.7077



61.9856, 67.6653, 104.4015



37.1415, 69.5541, 26.9550



12.4827, 13.6699, 22.2306



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.



25.7815, 23.9530, 93.7077



26.9454, 25.0109, 98.0151



17.3948, 7.1796, 90.9121



17.0534, 18.1836, 21.9963



13.8179, 12.9914, 49.7529



1.3859, 1.4155, 4.6433

Inverse Universe

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



43.7285, 22.0469, 24.5052



45.7300, 23.0560, 25.5740



69.8554, 81.1851, 11.9906



17.6335, 17.3808, 19.9257



23.2667, 11.7224, 13.3786



2.2085, 1.1071, 1.5211

Previews

White Background



This preview shows how the XYZ color 25.7804, 23.9523, 93.7070 looks on a white background.

Color Contrast Check

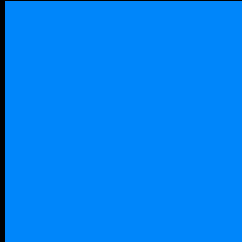
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7804, 23.9523, 93.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

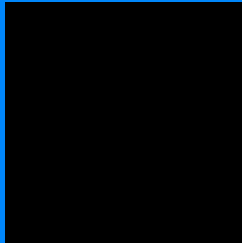
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

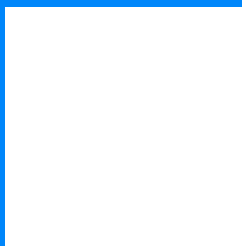
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7804, 23.9523, 93.7070

Background



This preview shows how black text looks on a background with the XYZ color 25.7804, 23.9523, 93.7070.



This preview shows how white text looks on a background with the XYZ color 25.7804, 23.9523,

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

25.7804, 23.9523, 93.7070

Protanopia

27.3657, 24.0537, 89.5867

Deuteranopia

24.3841, 23.8403, 84.9778



Tritanopia

16.7615, 23.6484, 36.0289

Trichromacy



Original Color

25.7804, 23.9523, 93.7070

Protanomaly

26.1237, 23.5764, 91.1695

Deuteranomaly

24.8416, 23.7990, 88.0784

Tritanomaly

19.2264, 23.4065, 52.7948

Monochromacy



Original Color

25.7804, 23.9523, 93.7070

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0032, 16.4547, 35.1862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7804, 23.9523, 93.7070 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 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, 134, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 250) }
```

Border

The CSS property to change the border of an element to XYZ 25.7804, 23.9523, 93.7070 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, 250) }
```


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

```
.border{ border-color:rgb(0, 134, 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, 134, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7804, 23.9523, 93.7070 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, 250) }
```

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

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