

Converting Colors

XYZ(22.5781, 22.2087, 94.8982)

Have a look what the booklet for
XYZ(22.5781, 22.2087, 94.8982)
contains.

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Color

**XYZ(26.0958, 24.0785,
95.3677)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0086FC |
| RGB | 0, 134, 252 |
| RGB Percent | 0%, 53%, 99% |
| CMY | 0.9997, 0.4745, 0.0118 |
| CMYK | 1.00, 0.47, 0.00, 0.01 |
| HSL | 208°, 100%, 49% |
| HSV | 208°, 100%, 99% |
| XYZ | 26.0958, 24.0785, 95.3677 |
| YIQ | 107.3860, -117.7420, 8.2900 |

Conversions

Conversions Part 2

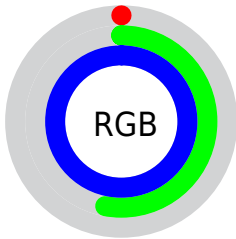
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 87, 252 |
| Decimal | 34556 |
| CIELab | 56.17, 13.91, -66.93 |
| CIELCh | 56, 68.362, 281.741 |
| Yxy | 24.0785, 0.1793, 0.1654 |
| Android (android.graphics.Color) | 4278224636 (0xFF0086FC) |
| YUV | 107.3860, 71.2947, -94.1775 |
| Hunter-Lab | 49.0698, 9.0557, -80.8818 |

Details

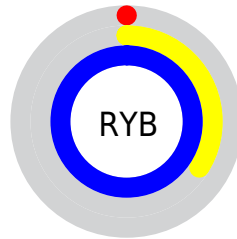
The XYZ color **26.0958, 24.0785, 95.3677** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **46.6327, 33.6701, 4.0433**, and the grayscale version is **13.9203, 14.6452, 15.9487**.

A 20% lighter version of the original color is **42.1645, 45.7173, 101.2098**, and **13.1781, 10.5957, 52.9804** is the 20% darker color. If you saturate the color by 10%, you get **26.0912, 24.0691, 95.3667**, and if you desaturate by 10%, it is **28.2272, 27.7359, 95.9619**.

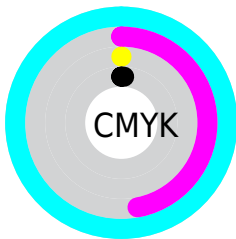
Distribution



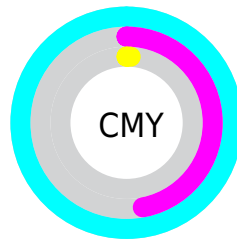
- Red (0%)
- Green (53%)
- Blue (99%)



- Red (0%)
- Yellow (34%)
- Blue (99%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (47%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0958, 24.0785, 95.3677 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 26.0958, 24.0785, 95.3677 by changing the saturation by 10% instead.

■ 26.0958, 24.0785,
95.3677

■ 26.0958, 24.0785,
95.3677

275.5001,
273.2171, 566.3558

■ 17.0284, 15.3919,
71.8425

■ 52.8597, 50.1583,
156.7724

■ 10.3502, 9.0949,
52.5440

■ 71.2868, 68.3202,
195.4890

■ 5.6958, 4.8031,
37.0536

■ 93.5646, 90.4093,
240.1065

■ 2.6999, 2.1322,
24.9529

■ 120.0583,
116.8101, 291.0434

■ 0.9971, 0.6826,
15.8233

■ 151.1334,
147.9068, 348.7182

■ 0.0000, 0.0000,
9.2462

187.1551,

■ 0.0000, 0.0000,

184.0840, 413.5496

4.8031

228.4889,
225.7260, 485.9559

■ 0.0000, 0.0000,
2.0755

■ 0.0000, 0.0000,
0.6011

■ 26.0958, 24.0785,
95.3677

■ 26.0958, 24.0785,
95.3677

■ 26.0912, 24.0691,
95.3667

■ 28.2272, 27.7359,
95.9619

■ 31.0697, 32.0386,
96.6426

■ 34.7900, 37.0806,
97.4197

■ 39.4911, 42.9228,
98.2996

■ 45.2599, 49.6175,
99.2878

■ 52.1729, 57.2112,
100.3891

■ 60.2991, 65.7464,
101.6083

■ 69.7014, 75.2623,
102.9495

■ 80.4382, 85.7956,
104.4167

Harmonies

Analogous

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



18.4765, 24.0785, 92.3918



26.0958, 24.0785, 95.3677



34.4733, 24.0785, 73.4869

Triad

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



26.0958, 24.0785, 95.3677



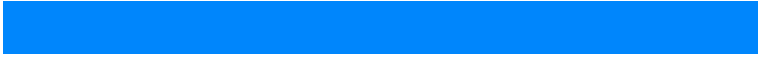
36.0918, 24.0785, 6.6878



11.3392, 24.0785, 14.8751

Complementary

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



26.0958, 24.0785, 95.3677



46.6327, 33.6701, 4.0433

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.



14.2383, 24.0785, 5.3856



26.0958, 24.0785, 95.3677



27.9464, 24.0785, 2.8675

Square

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



26.0958, 24.0785, 95.3677



41.0660, 24.0785, 18.3702



19.9506, 24.0785, 2.5865



11.0634, 24.0785, 36.0310

Rectangle

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



26.0958, 24.0785, 95.3677



38.9154, 24.0785, 52.4606



19.9506, 24.0785, 2.5865



12.0020, 24.0785, 10.6184

Sweetspot

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



26.0969, 24.0792, 95.3684



61.9004, 67.4950, 104.3731



38.0602, 70.9212, 28.7107



12.4626, 13.6296, 22.2239



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.



26.0969, 24.0792, 95.3684



26.7924, 24.7047, 97.9641



17.6637, 7.2127, 92.5573



17.0470, 18.1709, 21.9942



13.7402, 12.8359, 49.7270



1.3787, 1.4011, 4.6410

Inverse Universe

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



44.4491, 22.4184, 24.5389



45.6527, 23.0251, 25.1672



72.3770, 85.1586, 12.6247



17.6303, 17.3795, 19.9088



23.2274, 11.7067, 13.1720



2.2048, 1.1057, 1.5021

Previews

White Background



This preview shows how the XYZ color 26.0958, 24.0785, 95.3677 looks on a white background.

Color Contrast Check

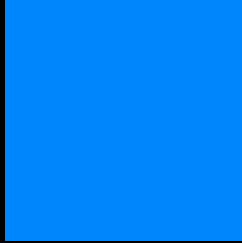
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0958, 24.0785, 95.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

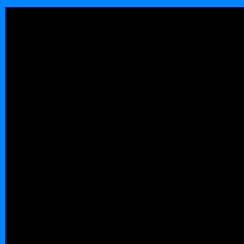
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

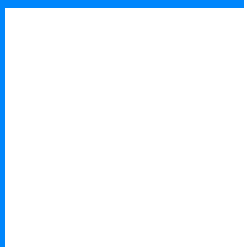
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0958, 24.0785, 95.3677

Background



This preview shows how black text looks on a background with the XYZ color 26.0958, 24.0785, 95.3677.



This preview shows how white text looks on a background with the XYZ color 26.0958, 24.0785,

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

26.0958, 24.0785, 95.3677

Protanopia

27.6736, 24.1590, 92.0115

Deuteranopia

24.6738, 24.1826, 85.8053



Tritanopia

17.0055, 23.9981, 36.5367

Trichromacy



Original Color

26.0958, 24.0785, 95.3677

Protanomaly

26.3419, 23.6530, 92.7996

Deuteranomaly

25.1333, 24.1400, 88.9228

Tritanomaly

19.5989, 23.7968, 54.0123

Monochromacy



Original Color

26.0958, 24.0785, 95.3677

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0903, 16.4896, 35.6452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0958, 24.0785, 95.3677 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 252) }
```

Border

The CSS property to change the border of an element to XYZ 26.0958, 24.0785, 95.3677 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, 252) }
```


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

```
.border{ border-color:rgb(0, 134, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0958, 24.0785, 95.3677 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, 252) }
```

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

```
.background{ background-color: rgb(0, 134,  
252) }
```

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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