

Converting Colors

XYZ(39.5912, 27.2767,
166.6675)

Have a look what the booklet for
XYZ(39.5912, 27.2767, 166.6675)
contains.

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Color

**XYZ(26.4982, 22.0897,
97.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	337BFF
RGB	51, 123, 255
RGB Percent	20%, 48%, 100%
CMY	0.7999, 0.5176, 0.0000
CMYK	0.80, 0.52, 0.00, 0.00
HSL	219°, 100%, 60%
HSV	219°, 80%, 100%
XYZ	26.4982, 22.0897, 97.4749
YIQ	116.5200, -85.2840, 25.7880

Conversions

Conversions Part 2

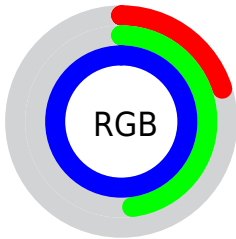
Format	Color
R _Y B	51, 104, 255
Decimal	3374079
CIE Lab	54.12, 24.38, -71.86
CIE LCh	54, 75.881, 288.745
Yxy	22.0897, 0.1814, 0.1512
Android (android.graphics.Color)	4281564159 (0xFF337BFF)
YUV	116.5200, 68.2706, -57.4610
Hunter-Lab	46.9997, 18.3880, -90.0646

Details

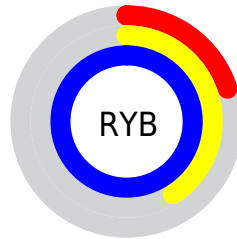
The XYZ color **26.4982, 22.0897, 97.4749** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **58.7753, 55.3739, 10.7246**, and the grayscale version is **16.5775, 17.4408, 18.9930**.

A 20% lighter version of the original color is **42.2821, 42.4691, 100.5766**, and **12.6625, 9.2001, 53.9317** is the 20% darker color. If you saturate the color by 10%, you get **23.6694, 17.8445, 96.8046**, and if you desaturate by 10%, it is **30.3773, 27.3887, 98.2932**.

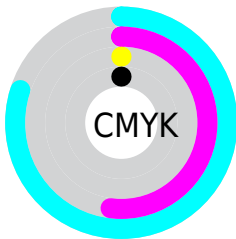
Distribution



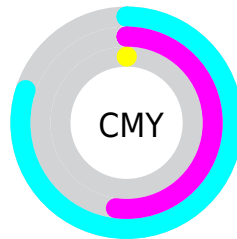
- Red (20%)
- Green (48%)
- Blue (100%)



- Red (20%)
- Yellow (41%)
- Blue (100%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4982, 22.0897, 97.4749 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 26.4982, 22.0897, 97.4749 by changing the saturation by 10% instead.

■ 26.4982, 22.0897,
97.4749

■ 26.4982, 22.0897,
97.4749

277.4313,
263.0144, 573.2436

■ 17.3313, 13.9228,
73.5883

■ 53.5032, 46.8942,
159.7042

■ 10.5678, 8.0670,
53.9624

■ 72.0720, 64.3006,
198.8841

■ 5.8421, 4.1379,
38.1786

■ 94.5055, 85.5557,
243.9988

■ 2.7891, 1.7510,
25.8185

■ 121.1692,
111.0438, 295.4668

■ 1.0432, 0.4563,
16.4633

152.4282,
141.1493, 353.7068

■ 0.0000, 0.0000,
9.6947

188.6480,

■ 0.0000, 0.0000,

176.2566, 419.1372

5.0941

230.1939,
216.7502, 492.1766

■ 0.0000, 0.0000,
2.2429

■ 0.0000, 0.0000,
0.6989

■ 26.4982, 22.0897,
97.4749

■ 26.4982, 22.0897,
97.4749

■ 23.6694, 17.8445,
96.8046

■ 30.3773, 27.3887,
98.2932

■ 21.7062, 14.5320,
96.2686

■ 35.4206, 33.8239,
99.2695

■ 21.7049, 14.5298,
96.2683

■ 41.7287, 41.4695,
100.4128

■ 49.3894, 50.3920,
101.7313

■ 58.4824, 60.6524,
103.2325

■ 69.0808, 72.3075,
104.9235

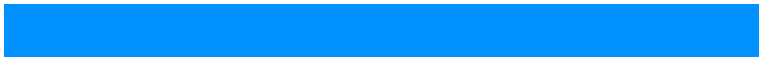
■ 81.2524, 85.4104,
106.8111

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



18.0580, 22.0897, 101.4190



26.4982, 22.0897, 97.4749



35.2684, 22.0897, 67.9791

Triad

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



26.4982, 22.0897, 97.4749



33.2443, 22.0897, 3.5436



8.9920, 22.0897, 16.2515

Complementary

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



26.4982, 22.0897, 97.4749



58.7753, 55.3739, 10.7246

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.



11.2102, 22.0897, 4.8433



26.4982, 22.0897, 97.4749



24.2356, 22.0897, 1.3666

Square

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



26.4982, 22.0897, 97.4749



39.8118, 22.0897, 12.2366



16.3129, 22.0897, 1.6056



9.2992, 22.0897, 41.7379

Rectangle

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



26.4982, 22.0897, 97.4749



39.4500, 22.0897, 44.4882



16.3129, 22.0897, 1.6056



9.4375, 22.0897, 11.0866

Sweetspot

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



26.4992, 22.0902, 97.4749



64.6483, 67.4659, 104.2226



45.3855, 75.5280, 55.4769



13.0386, 13.5603, 22.1801



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.



26.4992, 22.0902, 97.4749



22.4142, 15.7588, 96.4681



22.3943, 11.2182, 95.5928



17.5274, 18.4263, 22.8828



11.4678, 7.8453, 50.3444



1.2148, 0.9603, 4.9346

Inverse Universe

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



45.9998, 25.0594, 21.1514



43.4891, 22.3368, 13.2275



68.2903, 88.2209, 16.5632



18.2741, 18.0929, 20.0605



22.5766, 11.5199, 6.4210



2.2478, 1.1415, 0.8862

Previews

White Background



This preview shows how the XYZ color 26.4982, 22.0897, 97.4749 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 26.4982, 22.0897, 97.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

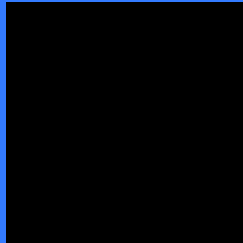
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

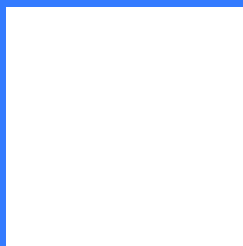
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4982, 22.0897, 97.4749

Background



This preview shows how black text looks on a background with the XYZ color 26.4982, 22.0897, 97.4749.



This preview shows how white text looks on a background with the XYZ color 26.4982, 22.0897,

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

26.4982, 22.0897, 97.4749

Protanopia

26.2125, 22.1275, 97.4972

Deuteranopia

22.1199, 21.8340, 76.4473



Tritanopia

15.4900, 21.9119, 33.1188

Trichromacy



Original Color

26.4982, 22.0897, 97.4749

Protanomaly

26.3398, 22.1932, 97.5032

Deuteranomaly

23.4203, 21.7498, 83.8527

Tritanomaly

18.2580, 21.4209, 51.3165

Monochromacy



Original Color

26.4982, 22.0897, 97.4749

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.0861, 18.3108, 39.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4982, 22.0897, 97.4749 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(51, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 123, 255)  
}
```

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(51, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 123, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.4982, 22.0897, 97.4749 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(51, 123, 255) }
```


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

```
.border{ border-color:rgb(51, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 123,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4982, 22.0897, 97.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 123, 255) }
```

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

```
.background{ background-color: rgb(51, 123,  
255) }
```

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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