

Converting Colors

XYZ(26.9646, 21.1481, 97.2685)

Have a look what the booklet for
XYZ(26.9646, 21.1481, 97.2685)
contains.

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Color

**XYZ(26.8939, 21.0504,
97.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	4774FF
RGB	71, 116, 255
RGB Percent	28%, 45%, 100%
CMY	0.7215, 0.5451, 0.0000
CMYK	0.72, 0.55, 0.00, 0.00
HSL	225°, 100%, 64%
HSV	225°, 72%, 100%
XYZ	26.8939, 21.0504, 97.2534
YIQ	118.3910, -71.4390, 33.6890

Conversions

Conversions Part 2

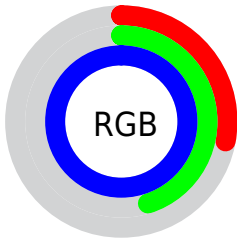
Format	Color
R _Y B	71, 107, 255
Decimal	4683007
CIE Lab	53.00, 30.82, -73.64
CIE LCh	53, 79.826, 292.711
Yxy	21.0504, 0.1852, 0.1450
Android (android.graphics.Color)	4282873087 (0xFF4774FF)
YUV	118.3910, 67.3482, -41.5619
Hunter-Lab	45.8807, 24.3401, -93.5606

Details

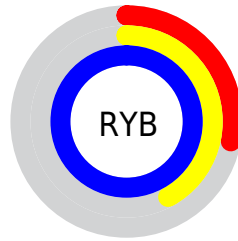
The XYZ color **26.8939, 21.0504, 97.2534** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **65.4272, 67.8141, 15.6043**, and the grayscale version is **17.1552, 18.0486, 19.6549**.

A 20% lighter version of the original color is **42.8532, 40.5202, 100.1703**, and **12.2062, 8.2875, 53.7796** is the 20% darker color. If you saturate the color by 10%, you get **23.4052, 16.2902, 96.5185**, and if you desaturate by 10%, it is **31.6289, 27.1367, 98.1786**.

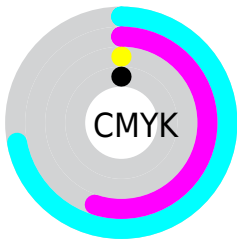
Distribution



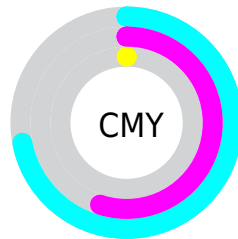
- Red (28%)
- Green (45%)
- Blue (100%)



- Red (28%)
- Yellow (42%)
- Blue (100%)



- Cyan (72%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8939, 21.0504, 97.2534 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 26.8939, 21.0504, 97.2534 by changing the saturation by 10% instead.

■ 26.8939, 21.0504,
97.2534

■ 26.8939, 21.0504,
97.2534

279.3200,
257.5462, 572.5217

■ 17.6297, 13.1608,
73.4047

■ 54.1347, 45.1714,
159.3964

■ 10.7826, 7.5394,
53.8131

■ 72.8419, 62.1716,
198.5277

■ 5.9870, 3.8017,
38.0601

■ 95.4277, 82.9776,
243.5903

■ 2.8778, 1.5632,
25.7271

■ 122.2572,
107.9736, 295.0028

■ 1.0895, 0.3326,
16.3957

153.6958,
137.5440, 353.1836

■ 0.0163, 0.0000,
9.6472

190.1089,

■ 0.0000, 0.0000,

172.0734, 418.5513

5.0631

231.8618,
211.9460, 491.5245

■ 0.0000, 0.0000,
2.2250

■ 0.0000, 0.0000,
0.6887

■ 26.8939, 21.0504,
97.2534

■ 26.8939, 21.0504,
97.2534

■ 23.4052, 16.2902,
96.5185

■ 31.6289, 27.1367,
98.1786

■ 21.0257, 12.7427,
95.9592

■ 37.7210, 34.6450,
99.3068

■ 19.7918, 10.7037,
95.6306

■ 45.2711, 43.6634,
100.6496

■ 54.3694, 54.2719,
102.2177

■ 65.0986, 66.5448,
104.0211

■ 77.5353, 80.5514,
106.0692

■ 91.7513, 96.3571,
108.3707

■ 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.



18.0327, 21.0504, 105.8956



26.8939, 21.0504, 97.2534



35.7553, 21.0504, 63.7718

Triad

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



26.8939, 21.0504, 97.2534



31.4401, 21.0504, 2.3224



7.9052, 21.0504, 17.5510

Complementary

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



26.8939, 21.0504, 97.2534



65.4272, 67.8141, 15.6043

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.



9.7333, 21.0504, 4.7919



26.8939, 21.0504, 97.2534



22.1220, 21.0504, 0.8534

Square

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



26.8939, 21.0504, 97.2534



38.8504, 21.0504, 9.3240



14.4105, 21.0504, 1.2683



8.5230, 21.0504, 45.7448

Rectangle

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



26.8939, 21.0504, 97.2534



39.6672, 21.0504, 39.5472



14.4105, 21.0504, 1.2683



8.2314, 21.0504, 11.7615

Sweetspot

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



26.8949, 21.0509, 97.2535



65.2748, 66.7447, 104.0504



49.8684, 77.4636, 72.6472



13.3118, 13.5362, 22.1611



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.



26.8949, 21.0509, 97.2535



22.1224, 14.4265, 96.2264



27.6413, 15.5106, 96.1447



17.3637, 18.0990, 22.8282



10.4386, 5.7868, 50.0014



1.0976, 0.7258, 4.8955

Inverse Universe

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



46.6464, 27.0290, 19.2817



43.5246, 23.0507, 11.2572



63.1931, 85.5308, 19.1417



18.1915, 18.0599, 19.6254



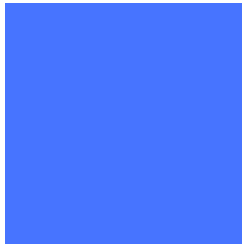
22.0571, 11.3121, 3.6853



2.1886, 1.1178, 0.5746

Previews

White Background



This preview shows how the XYZ color 26.8939, 21.0504, 97.2534 looks on a white background.

Color Contrast Check

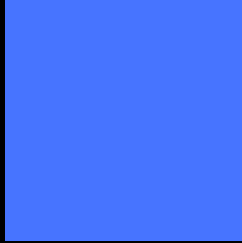
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8939, 21.0504, 97.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

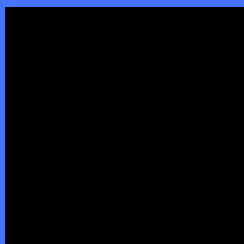
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

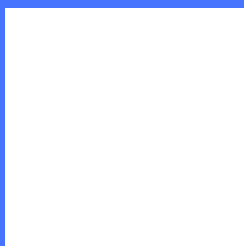
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8939, 21.0504, 97.2534

Background



This preview shows how black text looks on a background with the XYZ color 26.8939, 21.0504, 97.2534.



This preview shows how white text looks on a background with the XYZ color 26.8939, 21.0504,

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

26.8939, 21.0504, 97.2534

Protanopia

25.2641, 21.0889, 97.3468

Deuteranopia

21.1695, 21.0282, 72.7551



Tritanopia

14.8831, 20.9582, 32.1151

Trichromacy



Original Color

26.8939, 21.0504, 97.2534

Protanomaly

25.5613, 20.8851, 97.2917

Deuteranomaly

22.6290, 20.6331, 81.3872

Tritanomaly

17.6194, 20.0831, 50.5247

Monochromacy



Original Color

26.8939, 21.0504, 97.2534

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.7960, 18.3164, 39.5906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8939, 21.0504, 97.2534 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(71, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 116, 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(71, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 116, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.8939, 21.0504, 97.2534 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(71, 116, 255) }
```


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

```
.border{ border-color:rgb(71, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 116,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8939, 21.0504, 97.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 116, 255) }
```

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

```
.background{ background-color: rgb(71, 116,  
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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