

Converting Colors

XYZ(26.4986, 21.4702, 97.3553)

Have a look what the booklet for
XYZ(26.4986, 21.4702, 97.3553)
contains.

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Color

**XYZ(26.5701, 21.5827,
97.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	3B78FF
RGB	59, 120, 255
RGB Percent	23%, 47%, 100%
CMY	0.7686, 0.5294, 0.0000
CMYK	0.77, 0.53, 0.00, 0.00
HSL	221°, 100%, 62%
HSV	221°, 77%, 100%
XYZ	26.5701, 21.5827, 97.3732
YIQ	117.1510, -79.6910, 29.0530

Conversions

Conversions Part 2

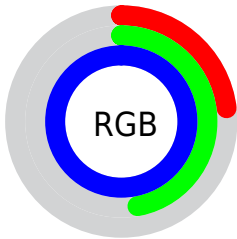
Format	Color
R _Y B	59, 106, 255
Decimal	3897599
CIE Lab	53.58, 27.01, -72.72
CIE LCh	54, 77.575, 290.376
Yxy	21.5827, 0.1826, 0.1483
Android (android.graphics.Color)	4282087679 (0xFF3B78FF)
YUV	117.1510, 67.9596, -50.9984
Hunter-Lab	46.4572, 20.7888, -91.7505

Details

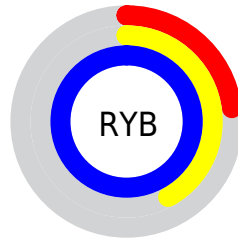
The XYZ color **26.5701, 21.5827, 97.3732** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **61.3253, 60.1669, 12.5211**, and the grayscale version is **16.7708, 17.6441, 19.2145**.

A 20% lighter version of the original color is **42.4754, 41.7116, 100.4202**, and **12.4606, 8.7963, 53.8644** is the 20% darker color. If you saturate the color by 10%, you get **23.4881, 17.1403, 96.6782**, and if you desaturate by 10%, it is **30.7788, 27.1812, 98.2320**.

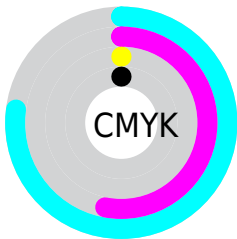
Distribution



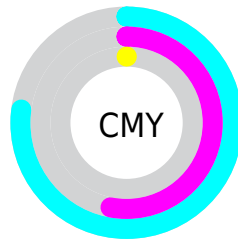
- Red (23%)
- Green (47%)
- Blue (100%)



- Red (23%)
- Yellow (42%)
- Blue (100%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5701, 21.5827, 97.3732 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 26.5701, 21.5827, 97.3732 by changing the saturation by 10% instead.

■ 26.5701, 21.5827,
97.3732

■ 26.5701, 21.5827,
97.3732

277.7752,
260.3592, 572.9122

■ 17.3855, 13.5506,
73.5040

■ 53.6180, 46.0553,
159.5629

■ 10.6068, 7.8088,
53.8938

■ 72.2121, 63.2646,
198.7205

■ 5.8684, 3.9728,
38.1242

■ 94.6733, 84.3018,
243.8113

■ 2.8051, 1.6584,
25.7765

■ 121.3672,
109.5512, 295.2538

■ 1.0516, 0.3965,
16.4323

152.6589,
139.3972, 353.4666

■ 0.0000, 0.0000,
9.6729

188.9139,

■ 0.0000, 0.0000,

174.2243, 418.8683

5.0799

230.4976,
214.4169, 491.8773

■ 0.0000, 0.0000,
2.2346

■ 0.0000, 0.0000,
0.6943

■ 26.5701, 21.5827,
97.3732

■ 26.5701, 21.5827,
97.3732

■ 23.4881, 17.1403,
96.6782

■ 30.7788, 27.1812,
98.2320

■ 21.3886, 13.7482,
96.1341

■ 36.2255, 34.0222,
99.2654

■ 20.8711, 12.8622,
95.9904

■ 43.0103, 42.1844,
100.4833

■ 51.2213, 51.7388,
101.8947

■ 60.9389, 62.7509,
103.5081

■ 72.2373, 75.2818,
105.3313

■ 85.1854, 89.3888,
107.3718

■ 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.



17.9660, 21.5827, 103.1891



26.5701, 21.5827, 97.3732



35.3792, 21.5827, 66.2102

Triad

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



26.5701, 21.5827, 97.3732



32.4318, 21.5827, 2.9717



8.4819, 21.5827, 16.6729

Complementary

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



26.5701, 21.5827, 97.3732



61.3253, 60.1669, 12.5211

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.



10.5335, 21.5827, 4.7681



26.5701, 21.5827, 97.3732



23.2915, 21.5827, 1.1191

Square

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



26.5701, 21.5827, 97.3732



39.3459, 21.5827, 10.9327



15.4556, 21.5827, 1.4355



8.9176, 21.5827, 43.2144

Rectangle

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



26.5701, 21.5827, 97.3732



39.4563, 21.5827, 42.3756



15.4556, 21.5827, 1.4355



8.8766, 21.5827, 11.2739

Sweetspot

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



26.5711, 21.5832, 97.3733



65.1048, 67.4001, 104.1859



47.1834, 76.2978, 62.6563



13.0983, 13.4927, 22.1640



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.



26.5711, 21.5832, 97.3733



22.2962, 15.2720, 96.3804



24.3286, 12.7797, 95.7922



17.4641, 18.2998, 22.8617



11.0219, 6.9533, 50.1958



1.1656, 0.8619, 4.9182

Inverse Universe

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



46.1950, 25.7457, 20.3039



43.4908, 22.5720, 12.5136



65.7842, 86.9068, 17.4474



18.2421, 18.0802, 19.8923



22.3515, 11.4299, 5.2356



2.2229, 1.1316, 0.7555

Previews

White Background



This preview shows how the XYZ color 26.5701, 21.5827, 97.3732 looks on a white background.

Color Contrast Check

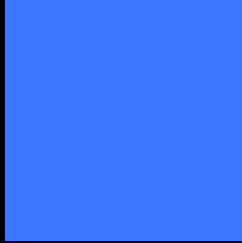
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5701, 21.5827, 97.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

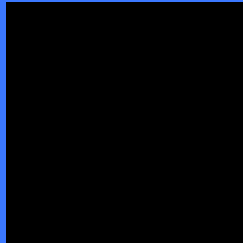
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

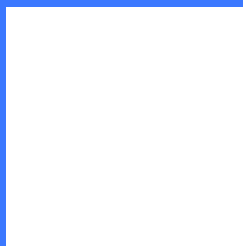
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5701, 21.5827, 97.3732

Background



This preview shows how black text looks on a background with the XYZ color 26.5701, 21.5827, 97.3732.



This preview shows how white text looks on a background with the XYZ color 26.5701, 21.5827,

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

26.5701, 21.5827, 97.3732

Protanopia

25.7027, 21.4964, 97.4023

Deuteranopia

21.5732, 21.4015, 74.2280



Tritanopia

15.1108, 21.2841, 32.5900

Trichromacy



Original Color

26.5701, 21.5827, 97.3732

Protanomaly

25.9261, 21.4302, 97.3777

Deuteranomaly

22.9104, 21.1373, 82.2293

Tritanomaly

17.8821, 20.6086, 51.1795

Monochromacy



Original Color

26.5701, 21.5827, 97.3732

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2774, 18.2337, 39.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5701, 21.5827, 97.3732 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(59, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 120, 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(59, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 120, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.5701, 21.5827, 97.3732 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(59, 120, 255) }
```


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

```
.border{ border-color:rgb(59, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 120,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5701, 21.5827, 97.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 120, 255) }
```

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

```
.background{ background-color: rgb(59, 120,  
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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