

Converting Colors

XYZ(26.3222, 21.2971, 97.3312)

Have a look what the booklet for
XYZ(26.3222, 21.2971, 97.3312)
contains.

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Color

**XYZ(26.3342, 21.2835,
97.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	3977FF
RGB	57, 119, 255
RGB Percent	22%, 47%, 100%
CMY	0.7764, 0.5333, 0.0000
CMYK	0.78, 0.53, 0.00, 0.00
HSL	221°, 100%, 61%
HSV	221°, 78%, 100%
XYZ	26.3342, 21.2835, 97.3279
YIQ	115.9660, -80.6080, 29.1520

Conversions

Conversions Part 2

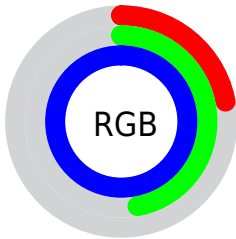
Format	Color
R _Y B	57, 104, 255
Decimal	3766271
CIE Lab	53.26, 27.43, -73.25
CIE LCh	53, 78.216, 290.532
Yxy	21.2835, 0.1817, 0.1468
Android (android.graphics.Color)	4281956351 (0xFF3977FF)
YUV	115.9660, 68.5438, -51.7132
Hunter-Lab	46.1340, 21.1567, -92.7889

Details

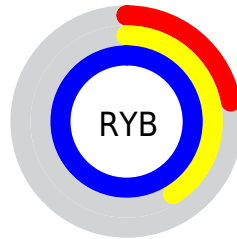
The XYZ color **26.3342, 21.2835, 97.3279** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **61.0528, 59.7032, 12.1792**, and the grayscale version is **16.4064, 17.2608, 18.7970**.

A 20% lighter version of the original color is **42.1286, 41.2514, 100.3496**, and **12.3954, 8.6659, 53.8427** is the 20% darker color. If you saturate the color by 10%, you get **23.3315, 16.9209, 96.6441**, and if you desaturate by 10%, it is **30.4519, 26.7913, 98.1740**.

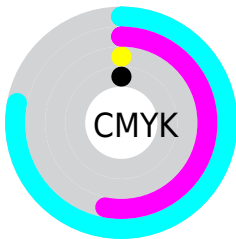
Distribution



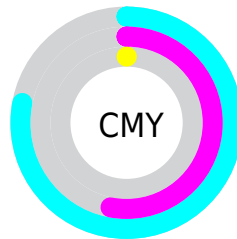
- Red (22%)
- Green (47%)
- Blue (100%)



- Red (22%)
- Yellow (41%)
- Blue (100%)



- Cyan (78%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3342, 21.2835, 97.3279 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 26.3342, 21.2835, 97.3279 by changing the saturation by 10% instead.

■ 26.3342, 21.2835,
97.3279

■ 26.3342, 21.2835,
97.3279

276.6455,
258.7813, 572.7646

■ 17.2078, 13.3314,
73.4664

■ 53.2411, 45.5589,
159.4999

■ 10.4790, 7.6571,
53.8633

■ 71.7523, 62.6509,
198.6476

■ 5.7824, 3.8764,
38.1000

■ 94.1224, 83.5584,
243.7277

■ 2.7526, 1.6046,
25.7578

■ 120.7170,
108.6658, 295.1589

■ 1.0243, 0.3607,
16.4184

151.9012,
138.3573, 353.3596

■ 0.0000, 0.0000,
9.6632

188.0404,

■ 0.0000, 0.0000,

173.0175, 418.7484

5.0735

229.5001,
213.0307, 491.7439

■ 0.0000, 0.0000,
2.2310

■ 0.0000, 0.0000,
0.6922

■ 26.3342, 21.2835,
97.3279

■ 26.3342, 21.2835,
97.3279

■ 23.3315, 16.9209,
96.6441

■ 30.4519, 26.7913,
98.1740

■ 21.2931, 13.5943,
96.1094

■ 35.7976, 33.5314,
99.1932

■ 20.9065, 12.9329,
96.0022

■ 42.4718, 41.5828,
100.3955

■ 50.5635, 51.0166,
101.7900

■ 60.1534, 61.8984,
103.3849

■ 71.3159, 74.2893,
105.1883

■ 84.1202, 88.2468,
107.2075

■ 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.



17.7247, 21.2835, 103.3633



26.3342, 21.2835, 97.3279



35.1544, 21.2835, 65.8458

Triad

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



26.3342, 21.2835, 97.3279



32.1134, 21.2835, 2.7996



8.2495, 21.2835, 16.4610

Complementary

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



26.3342, 21.2835, 97.3279



61.0528, 59.7032, 12.1792

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.



10.2698, 21.2835, 4.6071



26.3342, 21.2835, 97.3279



22.9594, 21.2835, 1.0272

Square

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



26.3342, 21.2835, 97.3279



39.0724, 21.2835, 10.5909



15.1494, 21.2835, 1.3389



8.6935, 21.2835, 43.0955

Rectangle

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



26.3342, 21.2835, 97.3279



39.2291, 21.2835, 41.9060



15.1494, 21.2835, 1.3389



8.6362, 21.2835, 11.0690

Sweetspot

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



26.3352, 21.2840, 97.3280



65.1332, 67.4569, 104.1953



46.9967, 76.2097, 62.2798



13.1050, 13.5062, 22.1662



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.



26.3352, 21.2840, 97.3280



22.1320, 15.0179, 96.3400



24.0601, 12.4916, 95.7507



17.4670, 18.3055, 22.8627



11.0408, 6.9912, 50.2021



1.1677, 0.8662, 4.9189

Inverse Universe

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



46.0338, 25.5199, 19.9523



43.3898, 22.4621, 12.1957



65.6231, 86.8297, 17.1743



18.2436, 18.0808, 19.8999



22.3611, 11.4337, 5.2860



2.2240, 1.1320, 0.7611

Previews

White Background



This preview shows how the XYZ color 26.3342, 21.2835, 97.3279 looks on a white background.

Color Contrast Check

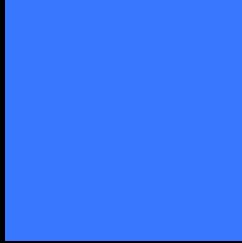
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3342, 21.2835, 97.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

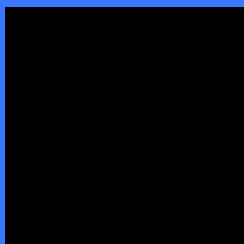
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

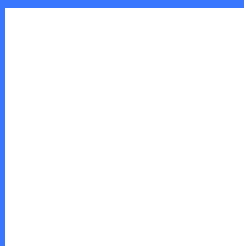
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3342, 21.2835, 97.3279

Background



This preview shows how black text looks on a background with the XYZ color 26.3342, 21.2835, 97.3279.



This preview shows how white text looks on a background with the XYZ color 26.3342, 21.2835,

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

26.3342, 21.2835, 97.3279

Protanopia

25.5162, 21.4003, 97.3936

Deuteranopia

21.3048, 21.0823, 73.4674



Tritanopia

14.8831, 20.9582, 32.1151

Trichromacy



Original Color

26.3342, 21.2835, 97.3279

Protanomaly

25.7241, 21.3261, 97.3683

Deuteranomaly

22.6383, 20.8248, 81.4237

Tritanomaly

17.6376, 20.2928, 50.5643

Monochromacy



Original Color

26.3342, 21.2835, 97.3279

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0557, 17.9455, 39.0714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3342, 21.2835, 97.3279 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(57, 119, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 119, 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(57, 119, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 119, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3342, 21.2835, 97.3279 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(57, 119, 255) }
```


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

```
.border{ border-color:rgb(57, 119, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 119, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 119, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 119, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 119,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3342, 21.2835, 97.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 119, 255) }
```

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

```
.background{ background-color: rgb(57, 119,  
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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