

Converting Colors

XYZ(26.3564, 21.8061, 97.4276)

Have a look what the booklet for
XYZ(26.3564, 21.8061, 97.4276)
contains.

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Color

**XYZ(26.3748, 21.8429,
97.4337)**

Conversions

Conversions Part 1

Format	Color
Hex	337AFF
RGB	51, 122, 255
RGB Percent	20%, 48%, 100%
CMY	0.7999, 0.5216, 0.0000
CMYK	0.80, 0.52, 0.00, 0.00
HSL	219°, 100%, 60%
HSV	219°, 80%, 100%
XYZ	26.3748, 21.8429, 97.4337
YIQ	115.9330, -85.0090, 26.3110

Conversions

Conversions Part 2

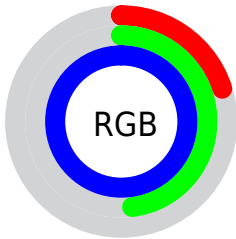
Format	Color
R _Y B	51, 104, 255
Decimal	3373823
CIE Lab	53.86, 25.01, -72.28
CIE LCh	54, 76.484, 289.084
Yxy	21.8429, 0.1811, 0.1500
Android (android.graphics.Color)	4281563903 (0xFF337AFF)
YUV	115.9330, 68.5600, -56.9462
Hunter-Lab	46.7364, 18.9444, -90.8894

Details

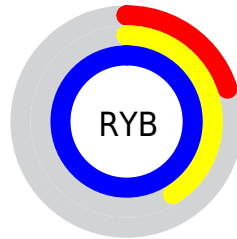
The XYZ color **26.3748, 21.8429, 97.4337** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **58.9824, 55.7881, 10.7937**, and the grayscale version is **16.3975, 17.2514, 18.7868**.

A 20% lighter version of the original color is **42.0881, 42.0813, 100.5120**, and **12.5941, 9.0634, 53.9089** is the 20% darker color. If you saturate the color by 10%, you get **23.5535, 17.6128, 96.7659**, and if you desaturate by 10%, it is **30.2506, 27.1352, 98.2510**.

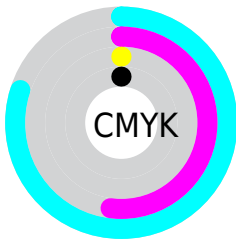
Distribution



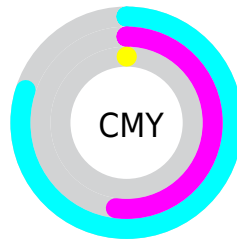
- Red (20%)
- Green (48%)
- Blue (100%)



- 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 26.3748, 21.8429, 97.4337 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 26.3748, 21.8429, 97.4337 by changing the saturation by 10% instead.

■ 26.3748, 21.8429,
97.4337

■ 26.3748, 21.8429,
97.4337

276.8402,
261.7248, 573.1094

■ 17.2384, 13.7415,
73.5542

■ 53.3060, 46.4862,
159.6470

■ 10.5010, 7.9411,
53.9346

■ 71.8315, 63.7969,
198.8178

■ 5.7972, 4.0573,
38.1566

■ 94.2173, 84.9462,
243.9228

■ 2.7616, 1.7057,
25.8015

■ 120.8290,
110.3184, 295.3805

■ 1.0290, 0.4273,
16.4507

152.0317,
140.2980, 353.6095

■ 0.0000, 0.0000,
9.6859

188.1909,

■ 0.0000, 0.0000,

175.2693, 419.0283

5.0883

229.6720,
215.6168, 492.0554

■ 0.0000, 0.0000,
2.2395

■ 0.0000, 0.0000,
0.6970

■ 26.3748, 21.8429,
97.4337

■ 26.3748, 21.8429,
97.4337

■ 23.5535, 17.6128,
96.7659

■ 30.2506, 27.1352,
98.2510

■ 21.6016, 14.3229,
96.2338

■ 35.2952, 33.5730,
99.2277

■ 21.6003, 14.3207,
96.2334

■ 41.6096, 41.2313,
100.3731

■ 49.2821, 50.1774,
101.6955

■ 58.3926, 60.4728,
103.2025

■ 69.0145, 72.1750,
104.9014

■ 81.2161, 85.3377,
106.7990

■ 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.



17.9070, 21.8429, 101.7730



26.3748, 21.8429, 97.4337



35.1569, 21.8429, 67.5088

Triad

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



26.3748, 21.8429, 97.4337



32.9415, 21.8429, 3.3470



8.7795, 21.8429, 16.1938

Complementary

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



26.3748, 21.8429, 97.4337



58.9824, 55.7881, 10.7937

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.



10.9542, 21.8429, 4.7397



26.3748, 21.8429, 97.4337



23.9032, 21.8429, 1.2692

Square

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



26.3748, 21.8429, 97.4337



39.5872, 21.8429, 11.8326



16.0063, 21.8429, 1.5210



9.1122, 21.8429, 41.8847

Rectangle

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



26.3748, 21.8429, 97.4337



39.3218, 21.8429, 43.9014



16.0063, 21.8429, 1.5210



9.2125, 21.8429, 10.9983

Sweetspot

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



26.3758, 21.8434, 97.4338



64.5718, 67.3128, 104.1971



45.7368, 75.6685, 57.3265



13.0204, 13.5240, 22.1741



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.



26.3758, 21.8434, 97.4338



22.3047, 15.5398, 96.4316



22.6811, 11.3660, 95.6062



17.5199, 18.4114, 22.8803



11.4121, 7.7337, 50.3259



1.2087, 0.9482, 4.9326

Inverse Universe

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



45.9375, 25.0345, 20.8234



43.4338, 22.3147, 12.9365



67.2235, 87.6709, 16.5133



18.2703, 18.0914, 20.0407



22.5485, 11.5087, 6.2728



2.2447, 1.1403, 0.8702

Previews

White Background



This preview shows how the XYZ color 26.3748, 21.8429, 97.4337 looks on a white background.

Color Contrast Check

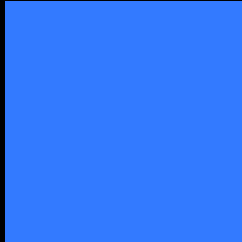
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3748, 21.8429, 97.4337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

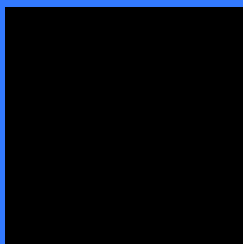
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

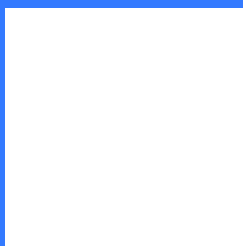
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3748, 21.8429, 97.4337

Background



This preview shows how black text looks on a background with the XYZ color 26.3748, 21.8429, 97.4337.



This preview shows how white text looks on a background with the XYZ color 26.3748, 21.8429,

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

26.3748, 21.8429, 97.4337

Protanopia

25.9697, 21.8173, 97.4501

Deuteranopia

21.9814, 21.7787, 75.7182



Tritanopia

15.2589, 21.5804, 32.6394

Trichromacy



Original Color

26.3748, 21.8429, 97.4337

Protanomaly

26.1292, 21.8995, 97.4576

Deuteranomaly

23.2738, 21.6912, 83.0809

Tritanomaly

18.1178, 21.1405, 51.2697

Monochromacy



Original Color

26.3748, 21.8429, 97.4337

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.8671, 18.0222, 39.0962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3748, 21.8429, 97.4337 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, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 122, 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, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 122, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3748, 21.8429, 97.4337 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, 122, 255) }
```


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

```
.border{ border-color:rgb(51, 122, 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, 122, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 122,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3748, 21.8429, 97.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 122, 255) }
```

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

```
.background{ background-color: rgb(51, 122,  
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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