

Converting Colors

XYZ(26.3434, 23.5070, 97.7566)

Have a look what the booklet for
XYZ(26.3434, 23.5070, 97.7566)
contains.

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Color

**XYZ(26.3633, 23.5542,
97.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	0F83FF
RGB	15, 131, 255
RGB Percent	6%, 51%, 100%
CMY	0.9410, 0.4863, 0.0000
CMYK	0.94, 0.49, 0.00, 0.00
HSL	211°, 100%, 53%
HSV	211°, 94%, 100%
XYZ	26.3633, 23.5542, 97.7647
YIQ	110.4520, -108.9400, 13.9720

Conversions

Conversions Part 2

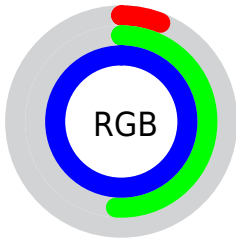
Format	Color
RYP	15, 93, 255
Decimal	1016831
CIELab	55.64, 17.29, -69.43
CIElCh	56, 71.553, 283.985
Yxy	23.5542, 0.1785, 0.1595
Android (android.graphics.Color)	4279206911 (0xFF0F83FF)
YUV	110.4520, 71.2622, -83.7114
Hunter-Lab	48.5327, 12.0303, -85.4615

Details

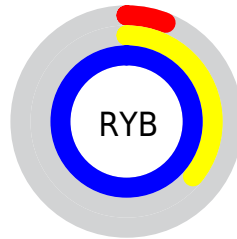
The XYZ color **26.3633, 23.5542, 97.7647** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **50.5673, 39.7760, 5.4664**, and the grayscale version is **14.7799, 15.5496, 16.9335**.

A 20% lighter version of the original color is **42.0537, 44.7318, 101.0254**, and **13.1713, 10.2177, 54.1013** is the 20% darker color. If you saturate the color by 10%, you get **25.1603, 21.4405, 97.4201**, and if you desaturate by 10%, it is **28.9472, 27.6830, 98.4254**.

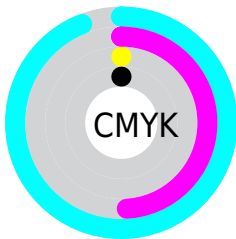
Distribution



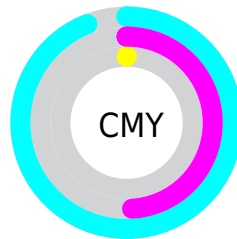
- Red (6%)
- Green (51%)
- Blue (100%)



- Red (6%)
- Yellow (36%)
- Blue (100%)



- Cyan (94%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3633, 23.5542, 97.7647 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 26.3633, 23.5542, 97.7647 by changing the saturation by 10% instead.

■ 26.3633, 23.5542,
97.7647

■ 26.3633, 23.5542,
97.7647

276.7851,
270.5588, 574.1874

■ 17.2297, 15.0033,
73.8286

■ 53.2876, 49.3017,
160.1069

■ 10.4947, 8.8217,
54.1578

■ 71.8090, 67.2671,
199.3502

■ 5.7930, 4.6250,
38.3338

■ 94.1905, 89.1394,
244.5329

■ 2.7591, 2.0290,
25.9380

■ 120.7973,
115.3031, 296.0736

■ 1.0277, 0.6242,
16.5519

■ 151.9948,
146.1424, 354.3909

■ 0.0000, 0.0000,
9.7570

188.1483,

■ 0.0000, 0.0000,

182.0419, 419.9032

5.1346

229.6233,
223.3859, 493.0292

■ 0.0000, 0.0000,
2.2664

■ 0.0000, 0.0000,
0.7123

■ 26.3633, 23.5542,
97.7647

■ 26.3633, 23.5542,
97.7647

■ 25.1603, 21.4405,
97.4201

■ 28.9472, 27.6830,
98.4254

■ 32.4179, 32.6150,
99.1945

■ 36.8946, 38.4228,
100.0795

■ 42.4745, 45.1675,
101.0873

■ 49.2424, 52.9030,
102.2237

■ 57.2740, 61.6781,
103.4941

■ 66.6380, 71.5380,
104.9038

■ 77.3982, 82.5246,
106.4573

■ 89.6138, 94.6773,
108.1591

Harmonies

Analogous

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



18.3626, 23.5542, 96.7711



26.3633, 23.5542, 97.7647



35.0283, 23.5542, 72.9411

Triad

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



26.3633, 23.5542, 97.7647



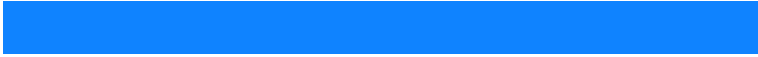
35.5562, 23.5542, 5.4759



10.5129, 23.5542, 15.2105

Complementary

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



26.3633, 23.5542, 97.7647



50.5673, 39.7760, 5.4664

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.



13.2254, 23.5542, 5.0867



26.3633, 23.5542, 97.7647



26.9615, 23.5542, 2.2323

Square

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



26.3633, 23.5542, 97.7647



41.1395, 23.5542, 16.3125



18.8331, 23.5542, 2.1531



10.4270, 23.5542, 37.9967

Rectangle

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



26.3633, 23.5542, 97.7647



39.4885, 23.5542, 50.5834



18.8331, 23.5542, 2.1531



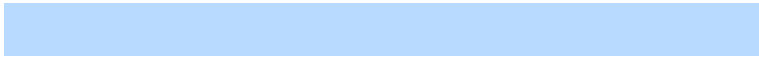
11.1117, 23.5542, 10.6439

Sweetspot

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



26.3643, 23.5548, 97.7647



62.8192, 67.5565, 104.3365



40.6201, 73.4869, 36.4800



12.5945, 13.5601, 22.2035



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.



26.3643, 23.5548, 97.7647



25.1603, 21.4405, 97.4201



18.4913, 7.7022, 95.1198



17.7274, 18.8264, 22.9495



13.2947, 11.4990, 50.9534



1.4032, 1.3371, 4.9974

Inverse Universe

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



45.5084, 23.2419, 23.5605



44.8289, 22.6956, 20.8290



75.6306, 92.0641, 14.2380



18.3751, 18.1333, 20.5922



23.4987, 11.8888, 11.2768



2.3429, 1.1795, 1.3871

Previews

White Background



This preview shows how the XYZ color 26.3633, 23.5542, 97.7647 looks on a white background.

Color Contrast Check

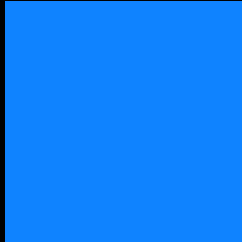
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3633, 23.5542, 97.7647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

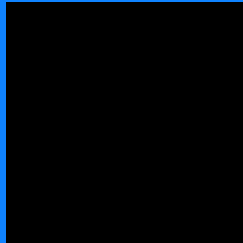
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

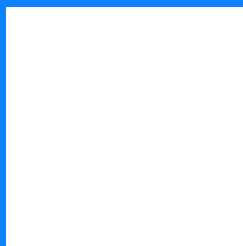
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3633, 23.5542, 97.7647

Background



This preview shows how black text looks on a background with the XYZ color 26.3633, 23.5542, 97.7647.



This preview shows how white text looks on a background with the XYZ color 26.3633, 23.5542,

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

26.3633, 23.5542, 97.7647

Protanopia

27.3398, 23.5234, 95.1950

Deuteranopia

23.8043, 23.3841, 82.6158



Tritanopia

16.5195, 23.3018, 35.5253

Trichromacy



Original Color

26.3633, 23.5542, 97.7647

Protanomaly

26.7066, 23.3732, 96.0324

Deuteranomaly

24.7653, 23.5535, 88.0350

Tritanomaly

19.2131, 22.9323, 53.8658

Monochromacy



Original Color

26.3633, 23.5542, 97.7647

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9909, 17.0971, 37.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3633, 23.5542, 97.7647 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(15, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 131, 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(15, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 131, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.3633, 23.5542, 97.7647 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(15, 131, 255) }
```


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

```
.border{ border-color:rgb(15, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 131,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3633, 23.5542, 97.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 131, 255) }
```

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

```
.background{ background-color: rgb(15, 131,  
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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