

Converting Colors

XYZ(26.4998, 23.9327, 97.8305)

Have a look what the booklet for
XYZ(26.4998, 23.9327, 97.8305)
contains.

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Color

**XYZ(26.5627, 24.0596,
97.8517)**

Conversions

Conversions Part 1

Format	Color
Hex	0A85FF
RGB	10, 133, 255
RGB Percent	4%, 52%, 100%
CMY	0.9605, 0.4784, 0.0000
CMYK	0.96, 0.48, 0.00, 0.00
HSL	210°, 100%, 52%
HSV	210°, 96%, 100%
XYZ	26.5627, 24.0596, 97.8517
YIQ	110.1310, -112.4700, 11.8660

Conversions

Conversions Part 2

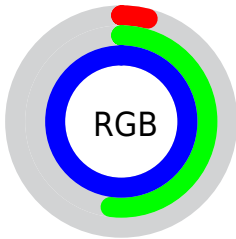
Format	Color
R _Y B	10, 92, 255
Decimal	689663
CIE Lab	56.15, 15.92, -68.61
CIE LCh	56, 70.434, 283.063
Yxy	24.0596, 0.1789, 0.1620
Android (android.graphics.Color)	4278879743 (0xFF0A85FF)
YUV	110.1310, 71.4204, -87.8149
Hunter-Lab	49.0506, 10.8258, -83.9430

Details

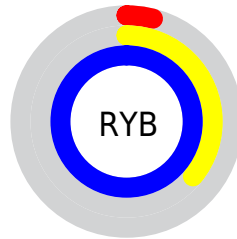
The XYZ color **26.5627, 24.0596, 97.8517** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **49.5566, 37.8049, 4.9745**, and the grayscale version is **14.6900, 15.4551, 16.8306**.

A 20% lighter version of the original color is **42.3384, 45.4953, 101.1577**, and **13.3265, 10.5282, 54.1531** is the 20% darker color. If you saturate the color by 10%, you get **25.7668, 22.6536, 97.6223**, and if you desaturate by 10%, it is **28.9959, 28.0536, 98.4944**.

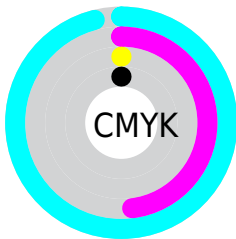
Distribution



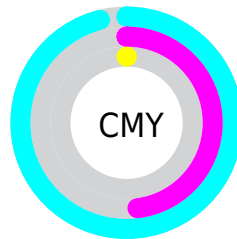
- Red (4%)
- Green (52%)
- Blue (100%)



- Red (4%)
- Yellow (36%)
- Blue (100%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5627, 24.0596, 97.8517 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 26.5627, 24.0596, 97.8517 by changing the saturation by 10% instead.

■ 26.5627, 24.0596,
97.8517

■ 26.5627, 24.0596,
97.8517

277.7398,
273.1217, 574.4706

■ 17.3800, 15.3778,
73.9008

■ 53.6062, 50.1274,
160.2278

■ 10.6027, 9.0850,
54.2165

■ 72.1977, 68.2823,
199.4901

■ 5.8657, 4.7967,
38.3804

■ 94.6561, 90.3637,
244.6932

■ 2.8035, 2.1285,
25.9740

■ 121.3468,
116.7559, 296.2557

■ 1.0507, 0.6806,
16.5786

■ 152.6352,
147.8434, 354.5962

■ 0.0000, 0.0000,
9.7757

188.8866,

■ 0.0000, 0.0000,

184.0106, 420.1331

5.1469

230.4663,
225.6419, 493.2850

■ 0.0000, 0.0000,
2.2734

■ 0.0000, 0.0000,
0.7163

■ 26.5627, 24.0596,
97.8517

■ 26.5627, 24.0596,
97.8517

■ 25.7668, 22.6536,
97.6223

■ 28.9959, 28.0536,
98.4944

■ 32.2750, 32.8063,
99.2389

■ 36.5239, 38.3917,
100.0931

■ 41.8422, 44.8708,
101.0634

■ 48.3161, 52.2972,
102.1556

■ 56.0220, 60.7192,
103.3750

■ 65.0293, 70.1810,
104.7266

■ 75.4017, 80.7239,
106.2149

■ 87.1989, 92.3865,
107.8442

Harmonies

Analogous

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



18.6334, 24.0596, 95.9891



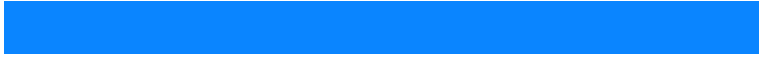
26.5627, 24.0596, 97.8517



35.2027, 24.0596, 74.0136

Triad

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



26.5627, 24.0596, 97.8517



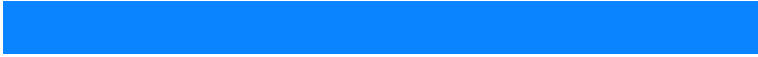
36.2024, 24.0596, 6.0455



10.9917, 24.0596, 15.2538

Complementary

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



26.5627, 24.0596, 97.8517



49.5566, 37.8049, 4.9745

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.



13.8146, 24.0596, 5.2799



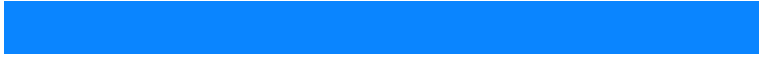
26.5627, 24.0596, 97.8517



27.6998, 24.0596, 2.5222

Square

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



26.5627, 24.0596, 97.8517



41.5891, 24.0596, 17.3712



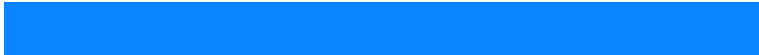
19.5327, 24.0596, 2.3622



10.8257, 24.0596, 37.5968

Rectangle

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



26.5627, 24.0596, 97.8517



39.7056, 24.0596, 51.9692



19.5327, 24.0596, 2.3622



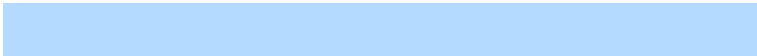
11.6244, 24.0596, 10.7665

Sweetspot

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



26.5637, 24.0602, 97.8518



62.2319, 67.2781, 104.3137



39.8125, 73.1556, 32.6017



12.4990, 13.5373, 22.2041



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.



26.5637, 24.0602, 97.8518



25.7668, 22.6536, 97.6223



18.3353, 7.6033, 95.1090



17.7563, 18.8843, 22.9591



13.6131, 12.1359, 51.0596



1.4347, 1.4001, 5.0079

Inverse Universe

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



45.5830, 23.1722, 24.2607



45.1351, 22.8180, 22.4413



75.7667, 90.2252, 13.7112



18.3897, 18.1392, 20.6691



23.6595, 11.9531, 12.1232



2.3588, 1.1859, 1.4708

Previews

White Background



This preview shows how the XYZ color 26.5627, 24.0596, 97.8517 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 26.5627, 24.0596, 97.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

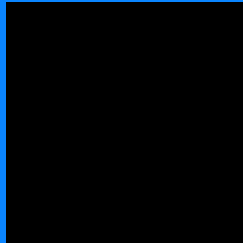
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

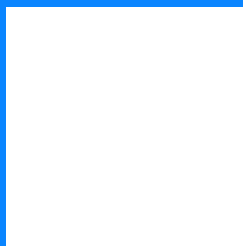
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5627, 24.0596, 97.8517

Background



This preview shows how black text looks on a background with the XYZ color 26.5627, 24.0596, 97.8517.



This preview shows how white text looks on a background with the XYZ color 26.5627, 24.0596,

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

26.5627, 24.0596, 97.8517

Protanopia

27.6467, 23.8945, 94.4217

Deuteranopia

24.3841, 23.8403, 84.9778



Tritanopia

16.9190, 23.9635, 36.0814

Trichromacy



Original Color

26.5627, 24.0596, 97.8517

Protanomaly

26.7256, 23.5979, 95.2417

Deuteranomaly

25.1955, 23.9463, 89.6804

Tritanomaly

19.4982, 23.5210, 53.9644

Monochromacy



Original Color

26.5627, 24.0596, 97.8517

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9133, 17.0571, 37.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5627, 24.0596, 97.8517 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(10, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(10, 133, 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(10, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 133, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.5627, 24.0596, 97.8517 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(10, 133, 255) }
```


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

```
.border{ border-color:rgb(10, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(10, 133,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5627, 24.0596, 97.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 133, 255) }
```

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

```
.background{ background-color: rgb(10, 133,  
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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