

Converting Colors

XYZ(27.2980, 24.7318,
100.4515)

Have a look what the booklet for
XYZ(27.2980, 24.7318, 100.4515)
contains.

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Color

**XYZ(26.8656, 24.6261,
97.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	0C87FF
RGB	12, 135, 255
RGB Percent	5%, 53%, 100%
CMY	0.9527, 0.4706, 0.0000
CMYK	0.95, 0.47, 0.00, 0.00
HSL	210°, 100%, 52%
HSV	210°, 95%, 100%
XYZ	26.8656, 24.6261, 97.9451
YIQ	111.9030, -111.8280, 11.2440

Conversions

Conversions Part 2

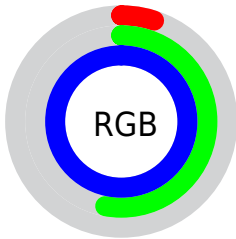
Format	Color
R _Y B	12, 94, 255
Decimal	821247
CIE _{Lab}	56.71, 14.74, -67.70
CIE _{LCh}	57, 69.289, 282.279
Y _{xy}	24.6261, 0.1798, 0.1648
Android (android.graphics.Color)	4279011327 (0xFF0C87FF)
Y _{UV}	111.9030, 70.5468, -87.6149
Hunter-Lab	49.6247, 9.7923, -82.2844

Details

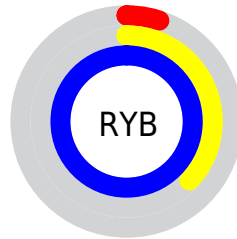
The XYZ color **26.8656, 24.6261, 97.9451** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **49.5674, 37.8079, 5.0352**, and the grayscale version is **15.2025, 15.9942, 17.4177**.

A 20% lighter version of the original color is **42.9726, 46.7638, 101.3692**, and **13.4862, 10.8476, 54.2063** is the 20% darker color. If you saturate the color by 10%, you get **25.9054, 22.9307, 97.6685**, and if you desaturate by 10%, it is **29.3603, 28.6774, 98.5956**.

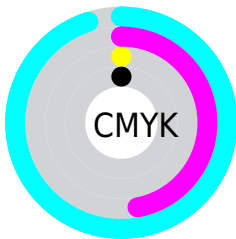
Distribution



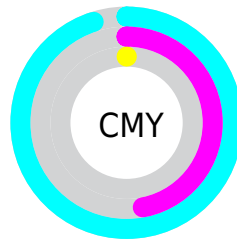
- Red (5%)
- Green (53%)
- Blue (100%)



- Red (5%)
- Yellow (37%)
- Blue (100%)



- Cyan (95%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8656, 24.6261, 97.9451 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 26.8656, 24.6261, 97.9451 by changing the saturation by 10% instead.

■ 26.8656, 24.6261,
97.9451

■ 26.8656, 24.6261,
97.9451

279.1852,
275.9707, 574.7745

■ 17.6084, 15.7987,
73.9782

■ 54.0895, 51.0500,
160.3576

■ 10.7672, 9.3818,
54.2795

■ 72.7870, 69.4153,
199.6402

■ 5.9766, 4.9911,
38.4305

■ 95.3618, 91.7287,
244.8653

■ 2.8714, 2.2420,
26.0126

■ 122.1795,
118.3745, 296.4512

■ 1.0861, 0.7428,
16.6072

■ 153.6053,
149.7373, 354.8165

■ 0.0135, 0.0000,
9.7958

190.0046,

■ 0.0000, 0.0000,

186.2013, 420.3798

5.1600

231.7428,
228.1510, 493.5596

■ 0.0000, 0.0000,
2.2810

■ 0.0000, 0.0000,
0.7206

■ 26.8656, 24.6261,
97.9451

■ 26.8656, 24.6261,
97.9451

■ 25.9054, 22.9307,
97.6685

■ 29.3603, 28.6774,
98.5956

■ 32.7085, 33.4875,
99.3476

■ 37.0317, 39.1288,
100.2086

■ 42.4280, 45.6612,
101.1850

■ 48.9825, 53.1376,
102.2827

■ 56.7708, 61.6055,
103.5066

■ 65.8616, 71.1086,
104.8618

■ 76.3184, 81.6877,
106.3526

■ 88.2001, 93.3809,
107.9834

Harmonies

Analogous

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



18.9917, 24.6261, 95.3762



26.8656, 24.6261, 97.9451



35.4807, 24.6261, 74.9964

Triad

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



26.8656, 24.6261, 97.9451



36.8741, 24.6261, 6.6462



11.5141, 24.6261, 15.4294

Complementary

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



26.8656, 24.6261, 97.9451



49.5674, 37.8079, 5.0352

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.



14.4388, 24.6261, 5.5365



26.8656, 24.6261, 97.9451



28.4570, 24.6261, 2.8467

Square

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



26.8656, 24.6261, 97.9451



42.0889, 24.6261, 18.4261



20.2576, 24.6261, 2.6086



11.2780, 24.6261, 37.4241

Rectangle

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



26.8656, 24.6261, 97.9451



40.0141, 24.6261, 53.2691



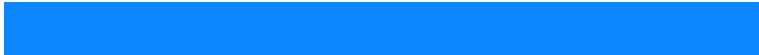
20.2576, 24.6261, 2.6086



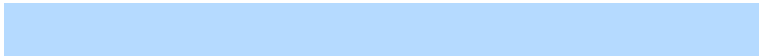
12.1778, 24.6261, 10.9933

Sweetspot

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



26.8666, 24.6267, 97.9452



62.3116, 67.4374, 104.3403



39.9074, 73.1966, 32.9636



12.5179, 13.5752, 22.2104



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.



26.8666, 24.6267, 97.9452



25.9054, 22.9307, 97.6685



18.3896, 7.6727, 95.1195



17.7628, 18.8972, 22.9613



13.6858, 12.2812, 51.0838



1.4418, 1.4144, 5.0103

Inverse Universe

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



45.7455, 23.2739, 25.0031



45.2050, 22.8460, 22.8095



75.7887, 90.2506, 13.7757



18.3929, 18.1405, 20.6862



23.6962, 11.9678, 12.3164



2.3624, 1.1873, 1.4897

Previews

White Background



This preview shows how the XYZ color 26.8656, 24.6261, 97.9451 looks on a white background.

Color Contrast Check

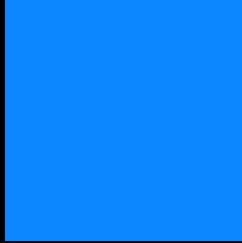
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8656, 24.6261, 97.9451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

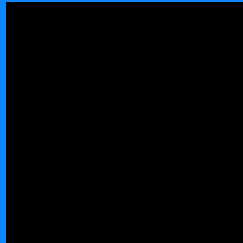
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

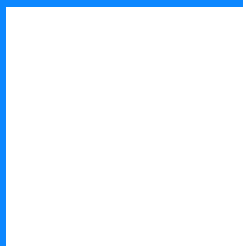
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8656, 24.6261, 97.9451

Background



This preview shows how black text looks on a background with the XYZ color 26.8656, 24.6261, 97.9451.



This preview shows how white text looks on a background with the XYZ color 26.8656, 24.6261,

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

26.8656, 24.6261, 97.9451

Protanopia

28.2765, 24.6141, 94.5274

Deuteranopia

25.1155, 24.5878, 87.4266



Tritanopia

17.2515, 24.3508, 37.0486

Trichromacy



Original Color

26.8656, 24.6261, 97.9451

Protanomaly

27.1872, 24.2346, 95.3403

Deuteranomaly

25.7842, 24.6325, 91.3913

Tritanomaly

20.0258, 24.2167, 55.2486

Monochromacy



Original Color

26.8656, 24.6261, 97.9451

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3978, 17.6498, 37.6644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8656, 24.6261, 97.9451 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(12, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(12, 135, 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(12, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 135, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.8656, 24.6261, 97.9451 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(12, 135, 255) }
```


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

```
.border{ border-color:rgb(12, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(12, 135,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8656, 24.6261, 97.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 135, 255) }
```

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

```
.background{ background-color: rgb(12, 135,  
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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