

Converting Colors

XYZ(27.3252, 26.3310, 96.2694)

Have a look what the booklet for
XYZ(27.3252, 26.3310, 96.2694)
contains.

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Color

**XYZ(27.4277, 26.4508,
96.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	028EFD
RGB	2, 142, 253
RGB Percent	1%, 56%, 99%
CMY	0.9919, 0.4431, 0.0078
CMYK	0.99, 0.44, 0.00, 0.01
HSL	207°, 98%, 50%
HSV	207°, 99%, 99%
XYZ	27.4277, 26.4508, 96.5884
YIQ	112.7940, -119.0710, 4.8410

Conversions

Conversions Part 2

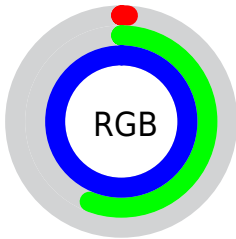
Format	Color
R _Y B	2, 92, 253
Decimal	167677
CIE Lab	58.46, 9.45, -63.79
CIE LCh	58, 64.483, 278.428
Yxy	26.4508, 0.1823, 0.1758
Android (android.graphics.Color)	4278357757 (0xFF028EFD)
YUV	112.7940, 69.1216, -97.1663
Hunter-Lab	51.4303, 5.1906, -75.3479

Details

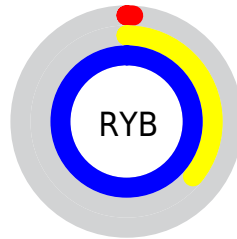
The XYZ color **27.4277, 26.4508, 96.5884** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **46.4334, 32.7149, 3.9269**, and the grayscale version is **15.4696, 16.2752, 17.7237**.

A 20% lighter version of the original color is **44.2472, 49.6950, 101.8678**, and **13.8782, 11.8142, 53.7735** is the 20% darker color. If you saturate the color by 10%, you get **27.2667, 26.1658, 96.5425**, and if you desaturate by 10%, it is **29.6146, 30.1757, 97.1928**.

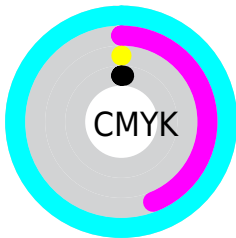
Distribution



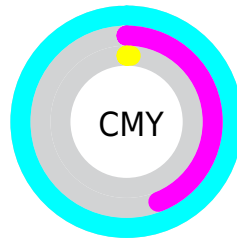
- Red (1%)
- Green (56%)
- Blue (99%)



- Red (1%)
- Yellow (36%)
- Blue (99%)



- Cyan (99%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)



- Cyan (99%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4277, 26.4508, 96.5884 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 27.4277, 26.4508, 96.5884 by changing the saturation by 10% instead.

■ 27.4277, 26.4508,
96.5884

■ 27.4277, 26.4508,
96.5884

281.8520,
284.9881, 570.3514

■ 18.0329, 17.1612,
72.8535

■ 54.9845, 54.0013,
158.4716

■ 11.0735, 10.3495,
53.3651

■ 73.8772, 73.0310,
197.4571

■ 6.1839, 5.6313,
37.7046

■ 96.6667, 96.0762,
242.3631

■ 2.9990, 2.6222,
25.4535

■ 123.7182,
123.5212, 293.6083

■ 1.1532, 0.9378,
16.1931

■ 155.3971,
155.7505, 351.6112

■ 0.0689, 0.0000,
9.5051

192.0688,

■ 0.0000, 0.0000,

193.1485, 416.7903

4.9708

234.0987,
236.0996, 489.5642

■ 0.0000, 0.0000,
2.1717

■ 0.0000, 0.0000,
0.6580

■ 27.4277, 26.4508,
96.5884

■ 27.4277, 26.4508,
96.5884

■ 27.2667, 26.1658,
96.5425

■ 29.6146, 30.1757,
97.1928

■ 32.5254, 34.5289,
97.8796

■ 36.3122, 39.5955,
98.6580

■ 41.0764, 45.4344,
99.5339

■ 46.9040, 52.0961,
100.5126

■ 53.8708, 59.6256,
101.5987

■ 62.0449, 68.0640,
102.7967

■ 71.4890, 77.4493,
104.1104

■ 82.2609, 87.8166,
105.5438

Harmonies

Analogous

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



19.9709, 26.4508, 90.9420



27.4277, 26.4508, 96.5884



35.7836, 26.4508, 77.9272

Triad

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



27.4277, 26.4508, 96.5884



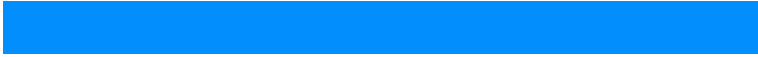
38.9774, 26.4508, 9.3720



13.5181, 26.4508, 15.6102

Complementary

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



27.4277, 26.4508, 96.5884



46.4334, 32.7149, 3.9269

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.



16.8498, 26.4508, 6.4263



27.4277, 26.4508, 96.5884



31.1335, 26.4508, 4.3589

Square

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



27.4277, 26.4508, 96.5884



43.3060, 26.4508, 22.8965



22.9845, 26.4508, 3.6687



12.9331, 26.4508, 35.6409

Rectangle

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



27.4277, 26.4508, 96.5884



40.3865, 26.4508, 58.0198



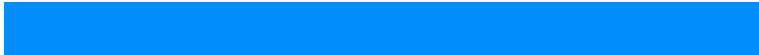
22.9845, 26.4508, 3.6687



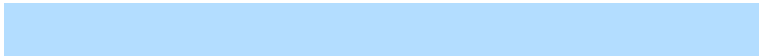
14.3145, 26.4508, 11.5308

Sweetspot

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



27.4289, 26.4516, 96.5891



62.4235, 68.5411, 104.5474



38.0104, 71.4080, 26.7642



12.5865, 13.8775, 22.2652



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.



27.4289, 26.4516, 96.5891



27.7523, 26.6246, 98.2841



17.9853, 7.5645, 93.4413



17.8432, 19.0580, 22.9881



14.6525, 14.2146, 51.4060



1.5356, 1.6020, 5.0415

Inverse Universe

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



45.4134, 22.8809, 27.6144



46.1373, 23.2189, 27.7187



70.5936, 81.0353, 11.9804



18.4335, 18.1567, 20.8999



24.1841, 12.1629, 14.8859



2.4097, 1.2063, 1.7390

Previews

White Background



This preview shows how the XYZ color 27.4277, 26.4508, 96.5884 looks on a white background.

Color Contrast Check

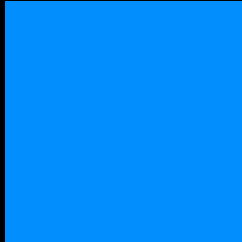
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4277, 26.4508, 96.5884 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

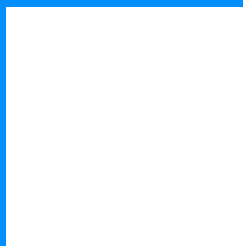
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4277, 26.4508, 96.5884

Background



This preview shows how black text looks on a background with the XYZ color 27.4277, 26.4508, 96.5884.



This preview shows how white text looks on a background with the XYZ color 27.4277, 26.4508,

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

27.4277, 26.4508, 96.5884

Protanopia

29.6172, 26.3984, 91.5301

Deuteranopia

27.2437, 26.3743, 95.7503



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

27.4277, 26.4508, 96.5884

Protanomaly

27.8747, 25.8864, 93.1499

Deuteranomaly

27.2562, 26.3807, 95.7509

Tritanomaly

21.1119, 25.8964, 57.3119

Monochromacy



Original Color

27.4277, 26.4508, 96.5884

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6561, 18.5121, 37.8173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4277, 26.4508, 96.5884 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(2, 142, 253)` looks like.

```
.text, #text, p{  
    color:rgb(2, 142, 253)  
}
```

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(2, 142, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 142, 253) }
```

Border

The CSS property to change the border of an element to XYZ 27.4277, 26.4508, 96.5884 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(2, 142, 253) }
```


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

```
.border{ border-color:rgb(2, 142, 253) }
```

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

Here you see how a box with a 4 pixel rgb(2, 142, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 142, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 142, 253);  
box-shadow:4px 4px 4px 4px rgb(2, 142,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4277, 26.4508, 96.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 142, 253) }
```

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

```
.background{ background-color: rgb(2, 142,  
253) }
```

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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