

Converting Colors

XYZ(23.0547, 25.8956, 93.7139)

Have a look what the booklet for
XYZ(23.0547, 25.8956, 93.7139)
contains.

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Color

**XYZ(27.8463, 28.3344,
93.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	0095F9
RGB	0, 149, 249
RGB Percent	0%, 58%, 98%
CMY	0.9997, 0.4157, 0.0235
CMYK	1.00, 0.40, 0.00, 0.02
HSL	204°, 100%, 49%
HSV	204°, 100%, 98%
XYZ	27.8463, 28.3344, 93.6240
YIQ	115.8490, -120.9040, -0.4880

Conversions

Conversions Part 2

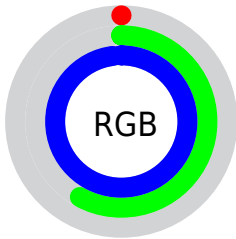
Format	Color
R _{YB}	0, 93, 249
Decimal	38393
CIE Lab	60.19, 3.68, -58.82
CIE LCh	60, 58.937, 273.579
Yxy	28.3344, 0.1859, 0.1891
Android (android.graphics.Color)	4278228473 (0xFF0095F9)
YUV	115.8490, 65.6434, -101.5996
Hunter-Lab	53.2301, 0.2263, -67.0215

Details

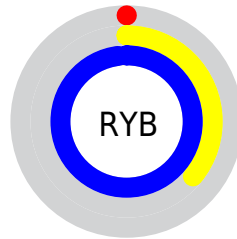
The XYZ color **27.8463, 28.3344, 93.6240** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **43.6316, 29.2680, 3.3517**, and the grayscale version is **16.3932, 17.2469, 18.7819**.

A 20% lighter version of the original color is **45.8363, 53.2469, 102.4696**, and **13.9763, 12.7295, 51.5896** is the 20% darker color. If you saturate the color by 10%, you get **27.8421, 28.3258, 93.6232**, and if you desaturate by 10%, it is **29.8980, 31.8435, 94.1938**.

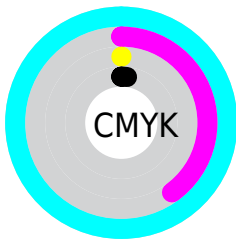
Distribution



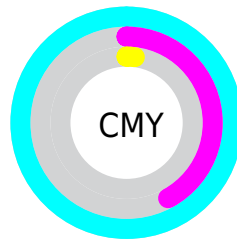
- Red (0%)
- Green (58%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8463, 28.3344, 93.6240 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 27.8463, 28.3344, 93.6240 by changing the saturation by 10% instead.

■ 27.8463, 28.3344,
93.6240

■ 27.8463, 28.3344,
93.6240

283.8252,
294.0614, 560.6218

■ 18.3497, 18.5779,
70.3997

■ 55.6493, 57.0179,
154.3414

■ 11.3025, 11.3657,
51.3736

■ 74.6864, 76.7136,
192.6716

■ 6.3395, 6.3134,
36.1273

■ 97.6344, 100.4913,
236.8742

■ 3.0952, 3.0365,
24.2420

■ 124.8587,
128.7352, 287.3677

■ 1.2043, 1.1508,
15.2994

■ 156.7245,
161.8298, 344.5707

■ 0.1098, 0.0210,
8.8808

193.5973,

■ 0.0000, 0.0000,

200.1594, 408.9017

4.5678

235.8424,
244.1085, 480.7792

■ 0.0000, 0.0000,
1.9417

■ 0.0000, 0.0000,
0.5191

■ 27.8463, 28.3344,
93.6240

■ 27.8463, 28.3344,
93.6240

■ 27.8421, 28.3258,
93.6232

■ 29.8980, 31.8435,
94.1938

■ 32.5973, 35.8928,
94.8332

■ 36.1048, 40.5702,
95.5511

■ 40.5185, 45.9307,
96.3532

■ 45.9209, 52.0212,
97.2440

■ 52.3845, 58.8834,
98.2279

■ 59.9744, 66.5549,
99.3086

■ 68.7502, 75.0706,
100.4898

■ 78.7670, 84.4629,
101.7747

Harmonies

Analogous

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



20.9808, 28.3344, 84.9826



27.8463, 28.3344, 93.6240



35.7728, 28.3344, 79.9899

Triad

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



27.8463, 28.3344, 93.6240



40.9070, 28.3344, 13.1121



15.9211, 28.3344, 15.8174

Complementary

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



27.8463, 28.3344, 93.6240



43.6316, 29.2680, 3.3517

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.



19.6812, 28.3344, 7.5759



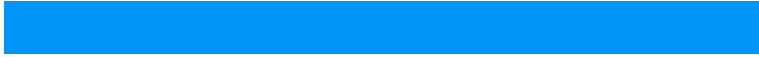
27.8463, 28.3344, 93.6240



33.9116, 28.3344, 6.6042

Square

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



27.8463, 28.3344, 93.6240



44.1489, 28.3344, 28.3311



26.0360, 28.3344, 5.1951



14.8971, 28.3344, 33.5168

Rectangle

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



27.8463, 28.3344, 93.6240



40.3644, 28.3344, 62.6560



26.0360, 28.3344, 5.1951



16.8674, 28.3344, 12.1813

Sweetspot

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



27.8475, 28.3352, 93.6248



63.2529, 70.2000, 104.8239



36.1598, 68.6655, 23.3141



12.7836, 14.2717, 22.3309



0.0000, 0.0000, 0.0000



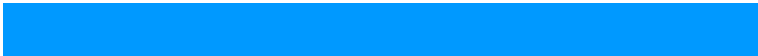
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.8475, 28.3352, 93.6248



29.3696, 29.8592, 98.8232



17.4468, 7.5338, 90.1578



17.1467, 18.3703, 22.0274



15.0462, 15.4481, 50.1623



1.4973, 1.6384, 4.6805

Inverse Universe

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



44.4929, 22.3114, 30.3956



46.9536, 23.5454, 32.0175



65.7523, 73.5094, 10.7252



17.6806, 17.3996, 20.1738



23.8867, 11.9704, 16.6435



2.2647, 1.1296, 1.8174

Previews

White Background



This preview shows how the XYZ color 27.8463, 28.3344, 93.6240 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 27.8463, 28.3344, 93.6240 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

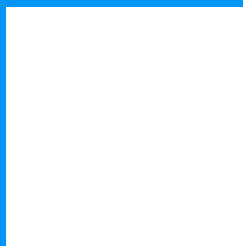
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8463, 28.3344, 93.6240

Background



This preview shows how black text looks on a background with the XYZ color 27.8463, 28.3344, 93.6240.

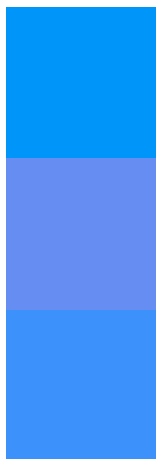


This preview shows how white text looks on a background with the XYZ color 27.8463, 28.3344,

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

27.8463, 28.3344, 93.6240

Protanopia

30.8816, 28.2254, 87.0395

Deuteranopia

29.3977, 28.4206, 94.3788



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

27.8463, 28.3344, 93.6240

Protanomaly

28.4824, 27.6020, 89.4145

Deuteranomaly

28.4884, 28.1816, 94.3806

Tritanomaly

22.1973, 27.9005, 58.2482

Monochromacy



Original Color

27.8463, 28.3344, 93.6240

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.2441, 19.5745, 37.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8463, 28.3344, 93.6240 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(0, 149, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 249)  
}
```

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(0, 149, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 249) }
```

Border

The CSS property to change the border of an element to XYZ 27.8463, 28.3344, 93.6240 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(0, 149, 249) }
```


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

```
.border{ border-color:rgb(0, 149, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8463, 28.3344, 93.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 249) }
```

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

```
.background{ background-color: rgb(0, 149,  
249) }
```

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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