

Converting Colors

XYZ(23.6326, 27.0741, 84.0660)

Have a look what the booklet for
XYZ(23.6326, 27.0741, 84.0660)
contains.

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Color

**XYZ(26.5143, 28.5709,
84.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	0098ED
RGB	0, 152, 237
RGB Percent	0%, 60%, 93%
CMY	0.9997, 0.4039, 0.0706
CMYK	1.00, 0.36, 0.00, 0.07
HSL	202°, 100%, 46%
HSV	202°, 100%, 93%
XYZ	26.5143, 28.5709, 84.2380
YIQ	116.2420, -117.8770, -5.7890

Conversions

Conversions Part 2

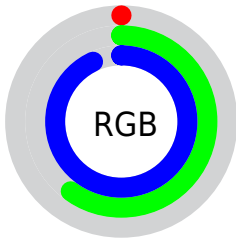
Format	Color
R _{YB}	0, 93, 237
Decimal	39149
CIE _{Lab}	60.40, -2.61, -51.88
CIE _{LCh}	60, 51.943, 267.116
Yxy	28.5709, 0.1903, 0.2051
Android (android.graphics.Color)	4278229229 (0xFF0098ED)
YUV	116.2420, 59.5337, -101.9442
Hunter-Lab	53.4518, -4.9971, -56.0226

Details

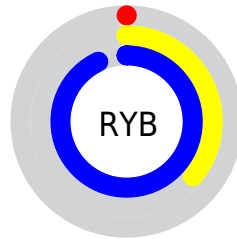
The XYZ color **26.5143, 28.5709, 84.2380** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **38.1793, 24.5120, 2.7209**, and the grayscale version is **16.5300, 17.3908, 18.9386**.

A 20% lighter version of the original color is **46.3056, 54.5508, 102.6965**, and **13.0919, 12.8389, 45.5042** is the 20% darker color. If you saturate the color by 10%, you get **26.5108, 28.5637, 84.2374**, and if you desaturate by 10%, it is **28.3156, 31.6224, 84.7327**.

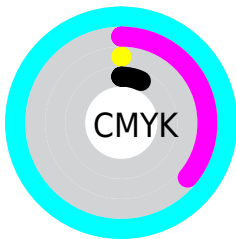
Distribution



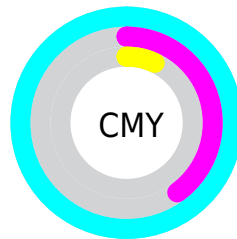
- Red (0%)
- Green (60%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5143, 28.5709, 84.2380 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 26.5143, 28.5709, 84.2380 by changing the saturation by 10% instead.

■ 26.5143, 28.5709,
84.2380

■ 26.5143, 28.5709,
84.2380

277.5083,
295.1849, 529.1819

■ 17.3435, 18.7565,
62.6654

■ 53.5289, 57.3946,
141.1727

■ 10.5765, 11.4944,
45.1313

■ 72.1034, 77.1727,
177.3720

■ 5.8480, 6.4004,
31.2172

■ 94.5431, 101.0408,
219.2839

■ 2.7927, 3.0901,
20.5044

■ 121.2135,
129.3832, 267.3270

■ 1.0451, 1.1789,
12.5745

■ 152.4799,
162.5845, 321.9198

■ 0.0000, 0.0444,
7.0090

188.7075,

■ 0.0000, 0.0000,

201.0289, 383.4808

3.3892

230.2619,
245.1009, 452.4287

■ 0.0000, 0.0000,
1.2966

■ 0.0000, 0.0000,
0.0590

■ 26.5143, 28.5709,
84.2380

■ 26.5143, 28.5709,
84.2380

■ 26.5108, 28.5637,
84.2374

■ 28.3156, 31.6224,
84.7327

■ 30.6691, 35.1081,
85.2815

■ 33.7196, 39.1058,
85.8923

■ 37.5527, 43.6624,
86.5698

■ 42.2406, 48.8180,
87.3179

■ 47.8467, 54.6078,
88.1399

■ 54.4279, 61.0638,
89.0392

■ 62.0364, 68.2154,
90.0186

■ 70.7203, 76.0899,
91.0808

Harmonies

Analogous

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



20.7595, 28.5709, 73.3763



26.5143, 28.5709, 84.2380



33.4437, 28.5709, 76.7068

Triad

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



26.5143, 28.5709, 84.2380



40.2741, 28.5709, 17.1695



17.7311, 28.5709, 15.1005

Complementary

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



26.5143, 28.5709, 84.2380



38.1793, 24.5120, 2.7209

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.



21.7100, 28.5709, 8.5046



26.5143, 28.5709, 84.2380



34.7471, 28.5709, 9.3087

Square

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



26.5143, 28.5709, 84.2380



42.1171, 28.5709, 32.9977



27.8075, 28.5709, 6.9291



16.2378, 28.5709, 29.2935

Rectangle

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



26.5143, 28.5709, 84.2380



37.7013, 28.5709, 63.4741



27.8075, 28.5709, 6.9291



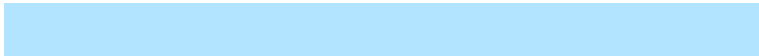
18.7866, 28.5709, 12.1843

Sweetspot

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



26.5154, 28.5718, 84.2388



64.1464, 71.9870, 105.1218



31.8463, 61.1937, 18.3152



12.9965, 14.6975, 22.4019



0.0000, 0.0000, 0.0000



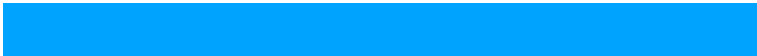
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5154, 28.5718, 84.2388



31.2397, 33.5994, 99.4466



15.9060, 7.3529, 80.7023



15.0368, 16.1601, 19.2489



14.6024, 15.8519, 46.0331



1.2371, 1.4257, 3.6449

Inverse Universe

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



40.5936, 20.2731, 31.4799



47.8976, 23.9230, 36.9882



55.9198, 59.9931, 8.6344



15.4721, 15.2167, 17.7716



22.2259, 11.0931, 17.5230



1.7909, 0.8893, 1.6164

Previews

White Background



This preview shows how the XYZ color 26.5143, 28.5709, 84.2380 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 26.5143, 28.5709, 84.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

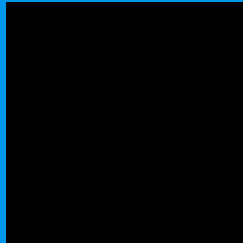
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

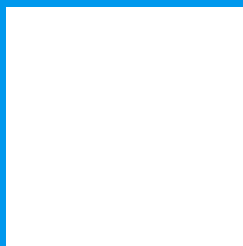
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5143, 28.5709, 84.2380

Background



This preview shows how black text looks on a background with the XYZ color 26.5143, 28.5709, 84.2380.

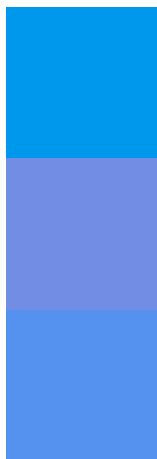


This preview shows how white text looks on a background with the XYZ color 26.5143, 28.5709,

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

26.5143, 28.5709, 84.2380

Protanopia

30.4866, 28.4581, 77.2849

Deuteranopia

29.6052, 28.7211, 85.6447



Tritanopia

20.1913, 28.4683, 43.4605

Trichromacy



Original Color

26.5143, 28.5709, 84.2380

Protanomaly

27.3752, 27.7050, 79.5061

Deuteranomaly

27.5438, 28.1371, 84.8682

Tritanomaly

22.1907, 28.4392, 56.5443

Monochromacy



Original Color

26.5143, 28.5709, 84.2380

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0195, 19.6944, 36.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5143, 28.5709, 84.2380 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, 152, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 237)  
}
```

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, 152, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 237) }
```

Border

The CSS property to change the border of an element to XYZ 26.5143, 28.5709, 84.2380 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, 152, 237) }
```


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

```
.border{ border-color:rgb(0, 152, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 152, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 152, 237); box-shadow:4px 4px 4px 4px rgb(0, 152, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5143, 28.5709, 84.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 237) }
```

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

```
.background{ background-color: rgb(0, 152,  
237) }
```

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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