

Converting Colors

XYZ(12.1139, 19.4058, 88.3584)

Have a look what the booklet for
XYZ(12.1139, 19.4058, 88.3584)
contains.

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Color

**XYZ(26.4545, 26.7825,
89.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	0091F4
RGB	0, 145, 244
RGB Percent	0%, 57%, 96%
CMY	0.9998, 0.4314, 0.0431
CMYK	1.00, 0.41, 0.00, 0.04
HSL	204°, 100%, 48%
HSV	204°, 100%, 96%
XYZ	26.4545, 26.7825, 89.3632
YIQ	112.9310, -118.1990, 0.0490

Conversions

Conversions Part 2

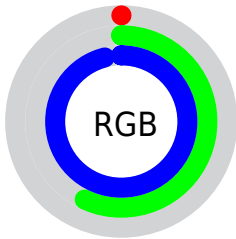
Format	Color
R _{YB}	0, 91, 244
Decimal	37364
CIE _{Lab}	58.77, 4.16, -58.34
CIE _{LCh}	59, 58.483, 274.079
Yxy	26.7825, 0.1855, 0.1878
Android (android.graphics.Color)	4278227444 (0xFF0091F4)
YUV	112.9310, 64.6170, -99.0405
Hunter-Lab	51.7518, 0.6800, -66.1536

Details

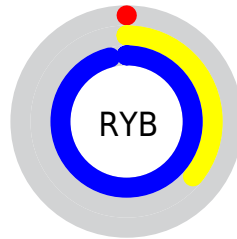
The XYZ color **26.4545, 26.7825, 89.3632** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **41.7766, 28.1688, 3.2371**, and the grayscale version is **15.5213, 16.3296, 17.7830**.

A 20% lighter version of the original color is **44.5508, 50.8594, 102.0765**, and **13.0618, 11.7723, 48.5976** is the 20% darker color. If you saturate the color by 10%, you get **26.4510, 26.7751, 89.3626**, and if you desaturate by 10%, it is **28.4224, 30.1423, 89.9086**.

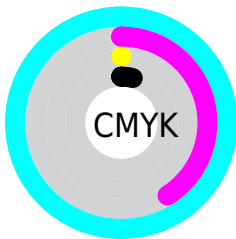
Distribution



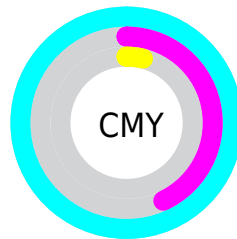
- Red (0%)
- Green (57%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4545, 26.7825, 89.3632 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 26.4545, 26.7825, 89.3632 by changing the saturation by 10% instead.

■ 26.4545, 26.7825,
89.3632

■ 26.4545, 26.7825,
89.3632

277.2221,
286.6025, 546.4737

■ 17.2984, 17.4099,
66.8819

■ 53.4334, 54.5347,
148.3813

■ 10.5441, 10.5272,
48.5276

■ 71.9868, 73.6830,
185.7552

■ 5.8262, 5.7499,
33.8820

■ 94.4035, 96.8588,
228.9303

■ 2.7793, 2.6936,
22.5263

■ 121.0487,
124.4464, 278.3252

■ 1.0382, 0.9739,
14.0421

■ 152.2878,
156.8301, 334.3585

■ 0.0000, 0.0000,
8.0109

188.4862,

■ 0.0000, 0.0000,

194.3945, 397.4486

4.0140

230.0092,
237.5238, 468.0142

■ 0.0000, 0.0000,
1.6331

■ 0.0000, 0.0000,
0.3142

■ 26.4545, 26.7825,
89.3632

■ 26.4545, 26.7825,
89.3632

■ 26.4510, 26.7751,
89.3626

■ 28.4224, 30.1423,
89.9086

■ 31.0095, 34.0217,
90.5211

■ 34.3702, 38.5052,
91.2093

■ 38.5977, 43.6452,
91.9786

■ 43.7706, 49.4865,
92.8335

■ 49.9578, 56.0691,
93.7779

■ 57.2214, 63.4289,
94.8157

■ 65.6182, 71.5992,
95.9502

■ 75.2007, 80.6110,
97.1846

Harmonies

Analogous

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



19.8662, 26.7825, 81.4009



26.4545, 26.7825, 89.3632



34.0372, 26.7825, 75.9313

Triad

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



26.4545, 26.7825, 89.3632



38.7453, 26.7825, 12.0972



14.9158, 26.7825, 15.0260

Complementary

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



26.4545, 26.7825, 89.3632



41.7766, 28.1688, 3.2371

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.



18.4538, 26.7825, 7.0942



26.4545, 26.7825, 89.3632



32.0067, 26.7825, 6.0500

Square

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



26.4545, 26.7825, 89.3632



41.9313, 26.7825, 26.4286



24.4829, 26.7825, 4.7859



13.9843, 26.7825, 32.0768

Rectangle

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



26.4545, 26.7825, 89.3632



38.4082, 26.7825, 59.1912



24.4829, 26.7825, 4.7859



15.8020, 26.7825, 11.5252

Sweetspot

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



26.4556, 26.7833, 89.3639



63.1682, 70.0305, 104.7957



34.5392, 65.5773, 22.3031



12.7634, 14.2313, 22.3242



0.0000, 0.0000, 0.0000



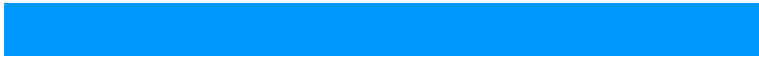
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4556, 26.7833, 89.3639



29.1991, 29.5181, 98.7664



16.6662, 7.2044, 86.1008



16.3998, 17.5640, 21.0684



14.5201, 14.8340, 48.6360



1.3769, 1.5053, 4.3082

Inverse Universe

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



42.4201, 21.2790, 28.6600



46.8675, 23.5110, 31.5642



62.7990, 70.2137, 10.2445



16.9124, 16.6478, 19.2852



23.1336, 11.5969, 15.9438



2.0841, 1.0396, 1.6691

Previews

White Background



This preview shows how the XYZ color 26.4545, 26.7825, 89.3632 looks on a white background.

Color Contrast Check

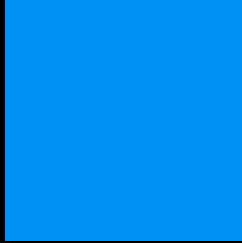
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4545, 26.7825, 89.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

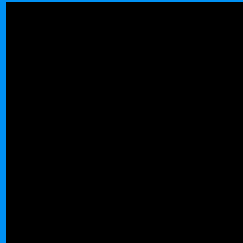
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

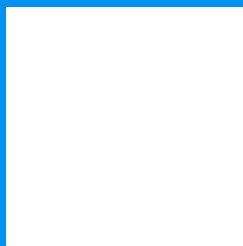
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4545, 26.7825, 89.3632

Background



This preview shows how black text looks on a background with the XYZ color 26.4545, 26.7825, 89.3632.

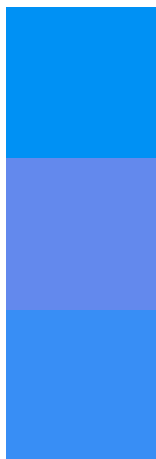


This preview shows how white text looks on a background with the XYZ color 26.4545, 26.7825,

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

26.4545, 26.7825, 89.3632

Protanopia

29.3773, 26.6584, 83.7180

Deuteranopia

27.7853, 26.7793, 90.0907



Tritanopia

18.8635, 26.5670, 40.6929

Trichromacy



Original Color

26.4545, 26.7825, 89.3632

Protanomaly

27.1562, 26.1042, 86.0454

Deuteranomaly

27.0314, 26.6126, 90.0982

Tritanomaly

21.0786, 26.3966, 55.6139

Monochromacy



Original Color

26.4545, 26.7825, 89.3632

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4391, 18.6182, 36.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4545, 26.7825, 89.3632 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, 145, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 244)  
}
```

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, 145, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 244) }
```

Border

The CSS property to change the border of an element to XYZ 26.4545, 26.7825, 89.3632 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, 145, 244) }
```


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

```
.border{ border-color:rgb(0, 145, 244) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4545, 26.7825, 89.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 244) }
```

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

```
.background{ background-color: rgb(0, 145,  
244) }
```

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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