

Converting Colors

XYZ(21.8919, 23.2991, 91.9082)

Have a look what the booklet for
XYZ(21.8919, 23.2991, 91.9082)
contains.

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Color

**XYZ(26.3214, 25.5335,
92.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	008CF8
RGB	0, 140, 248
RGB Percent	0%, 55%, 97%
CMY	0.9997, 0.4510, 0.0274
CMYK	1.00, 0.44, 0.00, 0.03
HSL	206°, 100%, 49%
HSV	206°, 100%, 97%
XYZ	26.3214, 25.5335, 92.3481
YIQ	110.4520, -118.1080, 3.9080

Conversions

Conversions Part 2

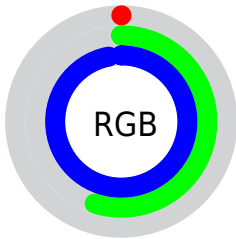
Format	Color
R_{YB}	0, 89, 248
Decimal	36088
CIE _{Lab}	57.59, 8.70, -62.43
CIE _{LCh}	58, 63.037, 277.935
Yxy	25.5335, 0.1825, 0.1771
Android (android.graphics.Color)	4278226168 (0xFF008CF8)
YUV	110.4520, 67.8112, -96.8664
Hunter-Lab	50.5307, 4.5518, -72.9848

Details

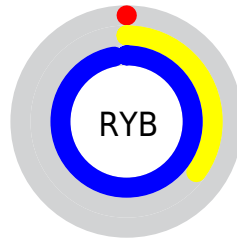
The XYZ color **26.3214, 25.5335, 92.3481** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **44.0825, 30.6977, 3.6040**, and the grayscale version is **14.7930, 15.5634, 16.9485**.

A 20% lighter version of the original color is **43.5504, 48.6749, 101.7076**, and **13.1451, 11.2438, 50.7677** is the 20% darker color. If you saturate the color by 10%, you get **26.3168, 25.5242, 92.3472**, and if you desaturate by 10%, it is **28.3763, 29.0526, 92.9197**.

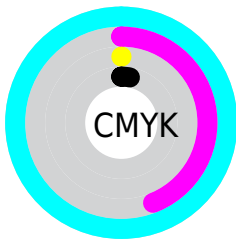
Distribution



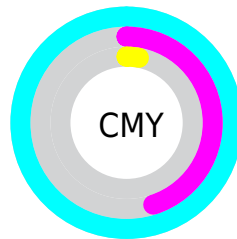
- Red (0%)
- Green (55%)
- Blue (97%)



- Red (0%)
- Yellow (35%)
- Blue (97%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3214, 25.5335, 92.3481 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 26.3214, 25.5335, 92.3481 by changing the saturation by 10% instead.

■ 26.3214, 25.5335,
92.3481

■ 26.3214, 25.5335,
92.3481

276.5841,
280.4845, 556.4059

■ 17.1982, 16.4750,
69.3451

■ 53.2206, 52.5214,
152.5596

■ 10.4721, 9.8609,
50.5193

■ 71.7273, 71.2196,
190.6053

■ 5.7777, 5.3068,
35.4522

■ 94.0925, 93.8997,
234.5023

■ 2.7498, 2.4284,
23.7251

■ 120.6816,
120.9463, 284.6691

■ 1.0229, 0.8404,
14.9195

■ 151.8600,
152.7437, 341.5244

■ 0.0000, 0.0000,
8.6169

187.9930,

■ 0.0000, 0.0000,

189.6762, 405.4865

4.3988

229.4459,
232.1284, 476.9742

■ 0.0000, 0.0000,
1.8466

■ 0.0000, 0.0000,
0.4584

■ 26.3214, 25.5335,
92.3481

■ 26.3214, 25.5335,
92.3481

■ 26.3168, 25.5242,
92.3472

■ 28.3763, 29.0526,
92.9197

■ 31.0941, 33.1497,
93.5672

■ 34.6349, 37.9137,
94.3002

■ 39.0967, 43.4008,
95.1241

■ 44.5620, 49.6592,
96.0441

■ 51.1034, 56.7319,
97.0645

■ 58.7862, 64.6578,
98.1894

■ 67.6702, 73.4730,
99.4226

■ 77.8106, 83.2108,
100.7678

Harmonies

Analogous

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



19.2292, 25.5335, 86.5983



26.3214, 25.5335, 92.3481



34.2944, 25.5335, 74.9622

Triad

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



26.3214, 25.5335, 92.3481



37.5624, 25.5335, 9.3161



13.1779, 25.5335, 14.9598

Complementary

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



26.3214, 25.5335, 92.3481



44.0825, 30.6977, 3.6040

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.



16.4165, 25.5335, 6.2534



26.3214, 25.5335, 92.3481



30.1200, 25.5335, 4.3674

Square

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



26.3214, 25.5335, 92.3481



41.6044, 25.5335, 22.4649



22.3258, 25.5335, 3.6434



12.5742, 25.5335, 33.9230

Rectangle

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



26.3214, 25.5335, 92.3481



38.7109, 25.5335, 56.1121



22.3258, 25.5335, 3.6434



13.9566, 25.5335, 11.0954

Sweetspot

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



26.3225, 25.5342, 92.3488



62.5602, 68.8146, 104.5930



36.2493, 68.2080, 25.3058



12.6190, 13.9424, 22.2760



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.



26.3225, 25.5342, 92.3488



28.0109, 27.1418, 98.3703



17.1387, 7.1665, 89.2875



17.0959, 18.2687, 22.0105



14.3584, 14.0725, 49.9330



1.4353, 1.5143, 4.6598

Inverse Universe

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



43.4462, 21.8517, 26.7392



46.2678, 23.2711, 28.4061



67.4204, 77.3734, 11.3833



17.6550, 17.3893, 20.0388



23.5395, 11.8315, 14.8153



2.2334, 1.1171, 1.6525

Previews

White Background



This preview shows how the XYZ color 26.3214, 25.5335, 92.3481 looks on a white background.

Color Contrast Check

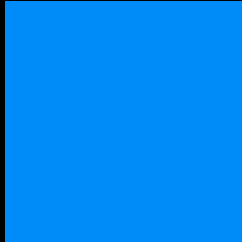
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3214, 25.5335, 92.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

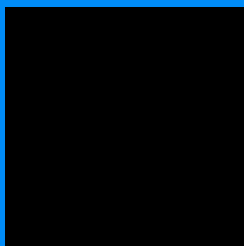
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

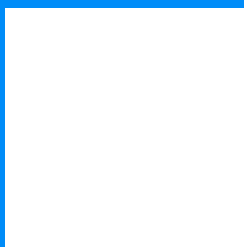
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3214, 25.5335, 92.3481

Background



This preview shows how black text looks on a background with the XYZ color 26.3214, 25.5335, 92.3481.



This preview shows how white text looks on a background with the XYZ color 26.3214, 25.5335,

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

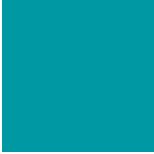
26.3214, 25.5335, 92.3481

Protanopia

28.5766, 25.5357, 87.4271

Deuteranopia

26.4730, 25.6116, 92.3552



Tritanopia

18.0021, 25.4268, 38.6094

Trichromacy



Original Color

26.3214, 25.5335, 92.3481

Protanomaly

26.7642, 24.9807, 88.9991

Deuteranomaly

26.4215, 25.5851, 92.3528

Tritanomaly

20.3275, 25.0749, 54.8075

Monochromacy



Original Color

26.3214, 25.5335, 92.3481

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7083, 17.5149, 35.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3214, 25.5335, 92.3481 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, 140, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 248)  
}
```

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, 140, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 248) }
```

Border

The CSS property to change the border of an element to XYZ 26.3214, 25.5335, 92.3481 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, 140, 248) }
```


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

```
.border{ border-color:rgb(0, 140, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 140, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 140,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3214, 25.5335, 92.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 248) }
```

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

```
.background{ background-color: rgb(0, 140,  
248) }
```

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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