

Converting Colors

XYZ(11.6529, 18.4238, 84.6015)

Have a look what the booklet for
XYZ(11.6529, 18.4238, 84.6015)
contains.

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Color

**XYZ(25.1049, 25.2817,
85.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	008DEF
RGB	0, 141, 239
RGB Percent	0%, 55%, 94%
CMY	0.9997, 0.4471, 0.0627
CMYK	1.00, 0.41, 0.00, 0.06
HSL	205°, 100%, 47%
HSV	205°, 100%, 94%
XYZ	25.1049, 25.2817, 85.2181
YIQ	110.0130, -115.4940, 0.5860

Conversions

Conversions Part 2

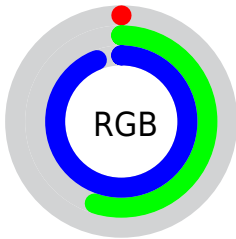
Format	Color
RYB	0, 89, 239
Decimal	36335
CIELab	57.35, 4.65, -57.85
CIELCh	57, 58.035, 274.593
Yxy	25.2817, 0.1851, 0.1864
Android (android.graphics.Color)	4278226415 (0xFF008DEF)
YUV	110.0130, 63.5906, -96.4814
Hunter-Lab	50.2809, 1.1322, -65.2904

Details

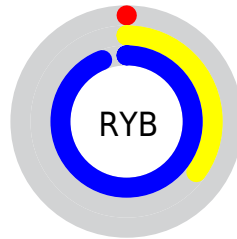
The XYZ color **25.1049, 25.2817, 85.2181** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **39.9717, 27.0998, 3.1261**, and the grayscale version is **14.6784, 15.4428, 16.8172**.

A 20% lighter version of the original color is **43.5261, 48.9917, 101.7700**, and **12.2706, 11.0317, 45.7386** is the 20% darker color. If you saturate the color by 10%, you get **25.1008, 25.2734, 85.2173**, and if you desaturate by 10%, it is **26.9911, 28.4959, 85.7397**.

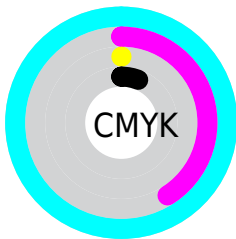
Distribution



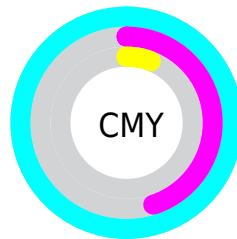
- Red (0%)
- Green (55%)
- Blue (94%)



- Red (0%)
- Yellow (35%)
- Blue (94%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1049, 25.2817, 85.2181 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 25.1049, 25.2817, 85.2181 by changing the saturation by 10% instead.

■ 25.1049, 25.2817,
85.2181

■ 25.1049, 25.2817,
85.2181

270.6980,
279.2379, 532.5129

■ 16.2844, 16.2871,
63.4704

■ 51.2690, 52.1139,
142.5547

■ 9.8177, 9.7275,
45.7784

■ 69.3433, 70.7202,
178.9807

■ 5.3396, 5.2187,
31.7236

■ 91.2329, 93.2991,
221.1366

■ 2.4847, 2.3761,
20.8874

■ 117.3032,
120.2352, 269.4409

■ 0.8875, 0.8136,
12.8513

■ 147.9195,
151.9127, 324.3121

■ 0.0000, 0.0000,
7.1967

183.4471,

■ 0.0000, 0.0000,

188.7160, 386.1688

3.5051

224.2515,
231.0297, 455.4296

■ 0.0000, 0.0000,
1.3580

■ 0.0000, 0.0000,
0.1086

■ 25.1049, 25.2817,
85.2181

■ 25.1049, 25.2817,
85.2181

■ 25.1008, 25.2734,
85.2173

■ 26.9911, 28.4959,
85.7397

■ 29.4692, 32.2097,
86.3259

■ 32.6872, 36.5042,
86.9852

■ 36.7337, 41.4294,
87.7226

■ 41.6834, 47.0281,
88.5424

■ 47.6019, 53.3383,
89.4484

■ 54.5483, 60.3945,
90.4443

■ 62.5768, 68.2284,
91.5332

■ 71.7372, 76.8696,
92.7184

Harmonies

Analogous

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



18.7875, 25.2817, 77.9108



25.1049, 25.2817, 85.2181



32.3526, 25.2817, 71.9944

Triad

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



25.1049, 25.2817, 85.2181



36.6517, 25.2817, 11.1302



13.9489, 25.2817, 14.2592

Complementary

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



25.1049, 25.2817, 85.2181



39.9717, 27.0998, 3.1261

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.



17.2724, 25.2817, 6.6315



25.1049, 25.2817, 85.2181



30.1657, 25.2817, 5.5245

Square

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



25.1049, 25.2817, 85.2181



39.7804, 25.2817, 24.6026



22.9853, 25.2817, 4.3967



13.1055, 25.2817, 30.6754

Rectangle

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



25.1049, 25.2817, 85.2181



36.5092, 25.2817, 55.8396



22.9853, 25.2817, 4.3967



14.7772, 25.2817, 10.8911

Sweetspot

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



25.1060, 25.2824, 85.2188



63.0793, 69.8528, 104.7661



32.9626, 62.5719, 21.3207



12.7423, 14.1891, 22.3171



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.



25.1060, 25.2824, 85.2188



29.0216, 29.1632, 98.7072



15.9069, 6.8843, 82.1524



15.6722, 16.7786, 20.1342



14.0035, 14.2312, 47.1367



1.2626, 1.3792, 3.9539

Inverse Universe

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



40.4054, 20.2755, 26.9835



46.7780, 23.4752, 31.0925



59.9252, 67.0069, 9.7773



16.1640, 15.9153, 18.4198



22.3939, 11.2300, 15.2568



1.9123, 0.9539, 1.5288

Previews

White Background



This preview shows how the XYZ color 25.1049, 25.2817, 85.2181 looks on a white background.

Color Contrast Check

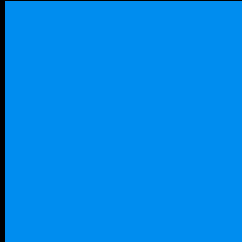
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1049, 25.2817, 85.2181 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

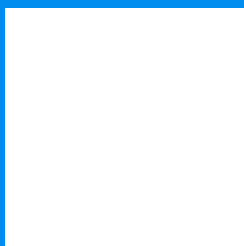
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1049, 25.2817, 85.2181

Background



This preview shows how black text looks on a background with the XYZ color 25.1049, 25.2817, 85.2181.



This preview shows how white text looks on a background with the XYZ color 25.1049, 25.2817,

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

25.1049, 25.2817, 85.2181

Protanopia

27.8099, 25.3093, 79.7634

Deuteranopia

26.3260, 25.4603, 85.9649



Tritanopia

17.8391, 25.1008, 38.5551

Trichromacy



Original Color

25.1049, 25.2817, 85.2181

Protanomaly

25.8045, 24.8501, 82.0338

Deuteranomaly

25.7019, 25.3545, 85.9773

Tritanomaly

19.9939, 24.9414, 53.0506

Monochromacy



Original Color

25.1049, 25.2817, 85.2181

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4490, 17.4112, 34.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1049, 25.2817, 85.2181 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, 141, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 239)  
}
```

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, 141, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 239) }
```

Border

The CSS property to change the border of an element to XYZ 25.1049, 25.2817, 85.2181 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, 141, 239) }
```


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

```
.border{ border-color:rgb(0, 141, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 141, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1049, 25.2817, 85.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 239) }
```

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

```
.background{ background-color: rgb(0, 141,  
239) }
```

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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