

Converting Colors

XYZ(24.3583, 24.8352, 81.3529)

Have a look what the booklet for
XYZ(24.3583, 24.8352, 81.3529)
contains.

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Color

**XYZ(24.3045, 24.7354,
81.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	068CEA
RGB	6, 140, 234
RGB Percent	2%, 55%, 92%
CMY	0.9762, 0.4510, 0.0824
CMYK	0.97, 0.40, 0.00, 0.08
HSL	205°, 95%, 47%
HSV	205°, 97%, 92%
XYZ	24.3045, 24.7354, 81.3353
YIQ	110.6500, -110.0380, 0.8260

Conversions

Conversions Part 2

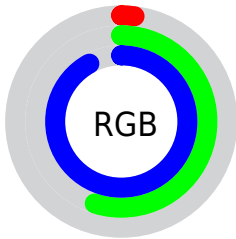
Format	Color
R _Y B	6, 90, 234
Decimal	429290
CIE Lab	56.82, 3.50, -55.92
CIE LCh	57, 56.032, 273.576
Yxy	24.7354, 0.1864, 0.1897
Android (android.graphics.Color)	4278619370 (0xFF068CEA)
YUV	110.6500, 60.8116, -91.7780
Hunter-Lab	49.7347, 0.1942, -62.1476

Details

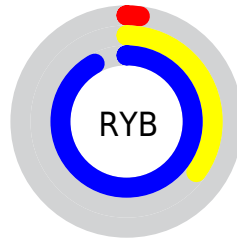
The XYZ color **24.3045, 24.7354, 81.3353** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **38.5287, 26.6328, 3.2842**, and the grayscale version is **14.8669, 15.6411, 17.0332**.

A 20% lighter version of the original color is **43.3043, 48.5481, 101.6961**, and **11.7770, 10.6965, 43.5634** is the 20% darker color. If you saturate the color by 10%, you get **23.8682, 23.9741, 81.2119**, and if you desaturate by 10%, it is **26.2221, 27.9101, 81.8476**.

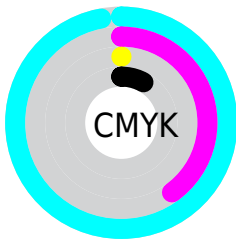
Distribution



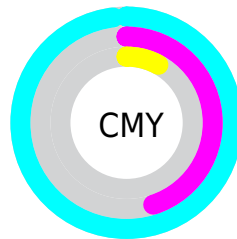
- Red (2%)
- Green (55%)
- Blue (92%)



- Red (2%)
- Yellow (35%)
- Blue (92%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3045, 24.7354, 81.3353 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 24.3045, 24.7354, 81.3353 by changing the saturation by 10% instead.

■ 24.3045, 24.7354,
81.3353

■ 24.3045, 24.7354,
81.3353

266.7683,
276.5176, 519.2465

■ 15.6856, 15.8800,
60.2852

■ 49.9777, 51.2276,
137.0698

■ 9.3914, 9.4393,
43.2217

■ 67.7627, 69.6333,
172.5912

■ 5.0565, 5.0288,
29.7264

■ 89.3339, 91.9912,
213.7735

■ 2.3155, 2.2642,
19.3808

■ 115.0564,
118.6857, 261.0352

■ 0.8026, 0.7547,
11.7661

■ 145.2958,
150.1012, 314.7948

■ 0.0000, 0.0000,
6.4640

180.4174,

■ 0.0000, 0.0000,

186.6221, 375.4708

3.0559

220.7864,
228.6328, 443.4819

■ 0.0000, 0.0000,
1.1233

■ 0.0000, 0.0000,
0.0000

■ 24.3045, 24.7354,
81.3353

■ 24.3045, 24.7354,
81.3353

■ 23.8682, 23.9741,
81.2119

■ 26.2221, 27.9101,
81.8476

■ 28.7626, 31.5938,
82.4247

■ 32.0320, 35.8458,
83.0731

■ 36.1104, 40.7116,
83.7973

■ 41.0663, 46.2305,
84.6014

■ 46.9602, 52.4377,
85.4889

■ 53.8469, 59.3653,
86.4631

■ 61.7768, 67.0431,
87.5271

■ 70.7964, 75.4986,
88.6838

Harmonies

Analogous

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



18.3404, 24.7354, 73.8530



24.3045, 24.7354, 81.3353



31.1841, 24.7354, 69.5330

Triad

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



24.3045, 24.7354, 81.3353



35.6384, 24.7354, 11.5068



13.9409, 24.7354, 13.8616

Complementary

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



24.3045, 24.7354, 81.3353



38.5287, 26.6328, 3.2842

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.



17.2115, 24.7354, 6.6755



24.3045, 24.7354, 81.3353



29.5704, 24.7354, 5.8267

Square

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



24.3045, 24.7354, 81.3353



38.4492, 24.7354, 24.7452



22.7335, 24.7354, 4.5933



13.0495, 24.7354, 29.2454

Rectangle

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



24.3045, 24.7354, 81.3353



35.1670, 24.7354, 54.5188



22.7335, 24.7354, 4.5933



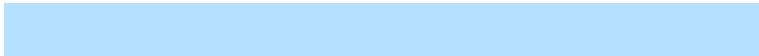
14.7643, 24.7354, 10.6942

Sweetspot

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



24.3055, 24.7361, 81.3360



63.9089, 70.6320, 104.8727



31.6678, 59.7527, 21.2324



12.8987, 14.3366, 22.3374



0.0000, 0.0000, 0.0000



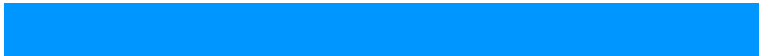
20.3446, 21.4041, 23.3091

Same Dimension

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



24.3055, 24.7361, 81.3360



28.9306, 28.9812, 98.6769



15.3633, 6.8516, 78.3552



14.9668, 16.0200, 19.2256



13.5395, 13.7259, 45.6787



1.1576, 1.2666, 3.6183

Inverse Universe

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



38.7315, 19.5177, 26.5372



46.7320, 23.4568, 30.8506



57.3110, 64.1974, 9.5449



15.4368, 15.2026, 17.5854



21.6894, 10.8784, 14.6976



1.7508, 0.8733, 1.4050

Previews

White Background



This preview shows how the XYZ color 24.3045, 24.7354, 81.3353 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 24.3045, 24.7354, 81.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

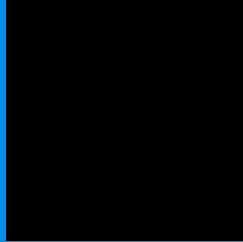
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3045, 24.7354, 81.3353

Background



This preview shows how black text looks on a background with the XYZ color 24.3045, 24.7354, 81.3353.



This preview shows how white text looks on a background with the XYZ color 24.3045, 24.7354,

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

24.3045, 24.7354, 81.3353

Protanopia

26.9403, 24.5354, 75.9889

Deuteranopia

25.6284, 24.7593, 82.0255



Tritanopia

17.4996, 24.7064, 37.5647

Trichromacy



Original Color

24.3045, 24.7354, 81.3353

Protanomaly

24.9968, 24.0979, 78.1968

Deuteranomaly

24.8832, 24.5872, 82.0316

Tritanomaly

19.5359, 24.5112, 51.2784

Monochromacy



Original Color

24.3045, 24.7354, 81.3353

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.7079, 17.7358, 34.0480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3045, 24.7354, 81.3353 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(6, 140, 234)` looks like.

```
.text, #text, p{  
    color:rgb(6, 140, 234)  
}
```

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(6, 140, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 140, 234) }
```

Border

The CSS property to change the border of an element to XYZ 24.3045, 24.7354, 81.3353 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(6, 140, 234) }
```


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

```
.border{ border-color:rgb(6, 140, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 140, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 140, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 140, 234);  
box-shadow:4px 4px 4px 4px rgb(6, 140,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3045, 24.7354, 81.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 140, 234) }
```

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

```
.background{ background-color: rgb(6, 140,  
234) }
```

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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