

Converting Colors

XYZ(24.7395, 15.2687, 97.3240)

Have a look what the booklet for
XYZ(24.7395, 15.2687, 97.3240)
contains.

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Color

**XYZ(24.5366, 15.1558,
96.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	5153FF
RGB	81, 83, 255
RGB Percent	32%, 33%, 100%
CMY	0.6823, 0.6745, 0.0000
CMYK	0.68, 0.67, 0.00, 0.00
HSL	239°, 100%, 66%
HSV	239°, 68%, 100%
XYZ	24.5366, 15.1558, 96.2399
YIQ	102.0100, -56.4040, 53.0680

Conversions

Conversions Part 2

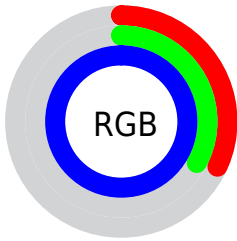
Format	Color
R_{YB}	81, 83, 255
Decimal	5329919
CIE _{Lab}	45.85, 51.79, -85.31
CIE _{LCh}	46, 99.794, 301.260
Yxy	15.1558, 0.1805, 0.1115
Android (android.graphics.Color)	4283519999 (0xFF5153FF)
YUV	102.0100, 75.4241, -18.4258
Hunter-Lab	38.9305, 44.3745, -119.3194

Details

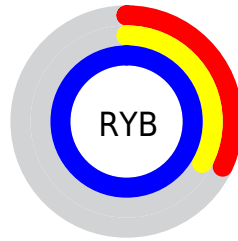
The XYZ color **24.5366, 15.1558, 96.2399** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **77.8550, 92.1129, 21.4630**, and the grayscale version is **12.4528, 13.1014, 14.2674**.

A 20% lighter version of the original color is **39.1528, 30.7542, 98.4803**, and **10.7089, 5.2930, 53.2805** is the 20% darker color. If you saturate the color by 10%, you get **21.1562, 11.0517, 95.6259**, and if you desaturate by 10%, it is **29.4392, 21.0845, 97.1258**.

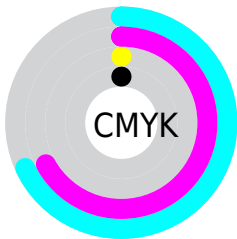
Distribution



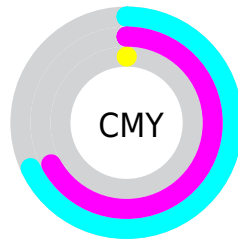
- Red (32%)
- Green (33%)
- Blue (100%)



- Red (32%)
- Yellow (33%)
- Blue (100%)



- Cyan (68%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5366, 15.1558, 96.2399 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 24.5366, 15.1558, 96.2399 by changing the saturation by 10% instead.

■ 24.5366, 15.1558,
96.2399

■ 24.5366, 15.1558,
96.2399

267.9127,
224.3073, 569.2122

■ 15.8590, 8.9288,
72.5648

■ 50.3528, 35.1263,
157.9867

■ 9.5147, 4.6948,
53.1305

■ 68.2221, 49.6385,
196.8956

■ 5.1382, 2.0693,
37.5185

■ 89.8860, 67.6813,
241.7194

■ 2.3641, 0.6473,
25.3103

■ 115.7100, 89.6391,
292.8767

■ 0.8272, 0.0000,
16.0873

■ 146.0592,
115.8961, 350.7862

■ 0.0000, 0.0000,
9.4309

181.2992,

■ 0.0000, 0.0000,

146.8369, 415.8662

4.9227

221.7952,
182.8459, 488.5354

■ 0.0000, 0.0000,
2.1440

■ 0.0000, 0.0000,
0.6418

■ 24.5366, 15.1558,
96.2399

■ 24.5366, 15.1558,
96.2399

■ 21.1562, 11.0517,
95.6259

■ 29.4392, 21.0845,
97.1258

■ 19.1180, 8.5608,
95.2525

■ 36.0121, 29.0156,
98.3103

■ 18.1865, 7.4091,
95.0793

■ 44.3883, 39.1070,
99.8166

■ 18.0816, 7.2832,
95.0605

■ 54.6870, 51.5004,
101.6660

■ 67.0172, 66.3257,
103.8777

■ 81.4797, 83.7029,
106.4696

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



14.7639, 15.1558, 119.6783



24.5366, 15.1558, 96.2399



33.7552, 15.1558, 50.3080

Triad

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



24.5366, 15.1558, 96.2399



23.6679, 15.1558, 0.0000



3.5294, 15.1558, 17.5424

Complementary

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



24.5366, 15.1558, 96.2399



77.8550, 92.1129, 21.4630

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.



4.3669, 15.1558, 2.7456



24.5366, 15.1558, 96.2399



14.0522, 15.1558, 0.0000

Square

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



24.5366, 15.1558, 96.2399



33.1313, 15.1558, 2.2455



7.5353, 15.1558, 0.0000



4.5294, 15.1558, 54.1115

Rectangle

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



24.5366, 15.1558, 96.2399



37.0408, 15.1558, 24.5903



7.5353, 15.1558, 0.0000



3.6019, 15.1558, 10.4160

Sweetspot

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



24.5374, 15.1561, 96.2399



64.6834, 63.5205, 103.4592



56.7409, 80.3045, 104.6885



13.0803, 12.6768, 22.0074



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.



24.5374, 15.1561, 96.2399



20.2410, 9.9361, 95.4588



36.5323, 21.1172, 96.7583



17.0197, 17.4110, 22.7136



9.4552, 3.8200, 49.6736



0.9262, 0.3831, 4.8384

Inverse Universe

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



45.7445, 27.7710, 11.1326



42.7526, 23.4220, 5.0952



54.0196, 80.7616, 20.5282



18.0178, 17.9904, 18.7110



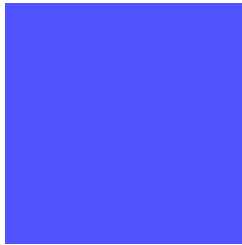
21.5608, 11.1136, 1.0715



2.1021, 1.0832, 0.1192

Previews

White Background



This preview shows how the XYZ color 24.5366, 15.1558, 96.2399 looks on a white background.

Color Contrast Check

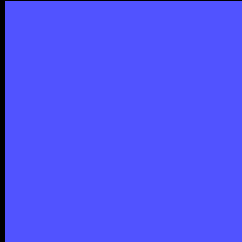
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5366, 15.1558, 96.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

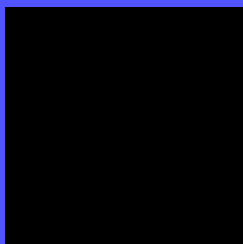
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5366, 15.1558, 96.2399

Background



This preview shows how black text looks on a background with the XYZ color 24.5366, 15.1558, 96.2399.



This preview shows how white text looks on a background with the XYZ color 24.5366, 15.1558,

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

24.5366, 15.1558, 96.2399

Protanopia

17.7365, 15.0151, 68.9812

Deuteranopia

14.7615, 14.9997, 49.6942



Tritanopia

10.4931, 14.7522, 22.7165

Trichromacy



Original Color

24.5366, 15.1558, 96.2399

Protanomaly

19.2551, 14.4531, 78.1188

Deuteranomaly

17.0440, 14.3220, 64.1535

Tritanomaly

13.3007, 13.6253, 41.9733

Monochromacy



Original Color

24.5366, 15.1558, 96.2399

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.8799, 13.0327, 34.0791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5366, 15.1558, 96.2399 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(81, 83, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 83, 255)  
}
```

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(81, 83, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 83, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.5366, 15.1558, 96.2399 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(81, 83, 255) }
```


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

```
.border{ border-color:rgb(81, 83, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 83, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 83, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 83, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 83,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5366, 15.1558, 96.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 83, 255) }
```

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

```
.background{ background-color: rgb(81, 83,  
255) }
```

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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