

Converting Colors

XYZ(24.3517, 15.3398, 96.2851)

Have a look what the booklet for
XYZ(24.3517, 15.3398, 96.2851)
contains.

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Color

**XYZ(24.3591, 15.2948,
96.2761)**

Conversions

Conversions Part 1

Format	Color
Hex	4D55FF
RGB	77, 85, 255
RGB Percent	30%, 33%, 100%
CMY	0.6980, 0.6667, 0.0000
CMYK	0.70, 0.67, 0.00, 0.00
HSL	237°, 100%, 65%
HSV	237°, 70%, 100%
XYZ	24.3591, 15.2948, 96.2761
YIQ	101.9880, -59.3380, 51.1740

Conversions

Conversions Part 2

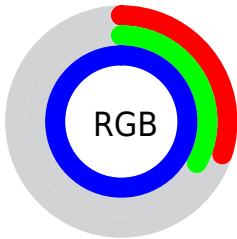
Format	Color
R_{YB}	77, 85, 255
Decimal	5068287
CIE _{Lab}	46.04, 50.20, -85.00
CIE _{LCh}	46, 98.723, 300.566
Yxy	15.2948, 0.1792, 0.1125
Android (android.graphics.Color)	4283258367 (0xFF4D55FF)
YUV	101.9880, 75.4349, -21.9145
Hunter-Lab	39.1086, 42.7402, -118.5820

Details

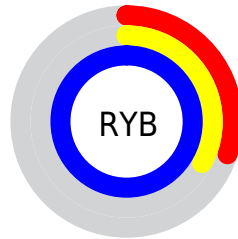
The XYZ color **24.3591, 15.2948, 96.2761** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **75.8447, 88.3255, 20.0744**, and the grayscale version is **12.4478, 13.0960, 14.2616**.

A 20% lighter version of the original color is **38.7466, 30.7510, 98.5011**, and **10.8036, 5.4823, 53.3121** is the 20% darker color. If you saturate the color by 10%, you get **21.0909, 11.2367, 95.6650**, and if you desaturate by 10%, it is **29.0942, 21.0879, 97.1447**.

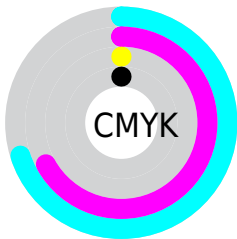
Distribution



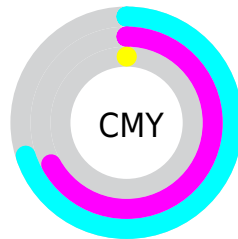
- Red (30%)
- Green (33%)
- Blue (100%)



- Red (30%)
- Yellow (33%)
- Blue (100%)



- Cyan (70%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3591, 15.2948, 96.2761 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 24.3591, 15.2948, 96.2761 by changing the saturation by 10% instead.

■ 24.3591, 15.2948,
96.2761

■ 24.3591, 15.2948,
96.2761

267.0379,
225.1437, 569.3306

■ 15.7264, 9.0265,
72.5948

■ 50.0660, 35.3695,
158.0371

■ 9.4204, 4.7585,
53.1549

■ 67.8709, 49.9448,
196.9539

■ 5.0757, 2.1063,
37.5379

■ 89.4639, 68.0578,
241.7863

■ 2.3269, 0.6682,
25.3252

■ 115.2103, 90.0931,
292.9528

■ 0.8084, 0.0000,
16.0983

■ 145.4756,
116.4349, 350.8719

■ 0.0000, 0.0000,
9.4386

180.6251,

■ 0.0000, 0.0000,

147.4676, 415.9622

4.9277

221.0240,
183.5758, 488.6423

■ 0.0000, 0.0000,
2.1469

■ 0.0000, 0.0000,
0.6435

■ 24.3591, 15.2948,
96.2761

■ 24.3591, 15.2948,
96.2761

■ 21.0909, 11.2367,
95.6650

■ 29.0942, 21.0879,
97.1447

■ 19.1159, 8.7190,
95.2832

■ 35.4390, 28.7803,
98.2951

■ 18.1871, 7.4846,
95.0938

■ 43.5218, 38.5185,
99.7487

■ 18.1748, 7.4696,
95.0916

■ 53.4576, 50.4340,
101.5250

■ 65.3513, 64.6477,
103.6416

■ 79.3001, 81.2713,
106.1151

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.



14.6970, 15.2948, 118.4188



24.3591, 15.2948, 96.2761



33.5531, 15.2948, 51.1476

Triad

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



24.3591, 15.2948, 96.2761



23.9723, 15.2948, 0.0000



3.6491, 15.2948, 17.1133

Complementary

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



24.3591, 15.2948, 96.2761



75.8447, 88.3255, 20.0744

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.



4.5398, 15.2948, 2.7169



24.3591, 15.2948, 96.2761



14.3787, 15.2948, 0.0000

Square

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



24.3591, 15.2948, 96.2761



33.2760, 15.2948, 2.4880



7.7901, 15.2948, 0.0000



4.6134, 15.2948, 52.8335

Rectangle

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



24.3591, 15.2948, 96.2761



36.9086, 15.2948, 25.4131



7.7901, 15.2948, 0.0000



3.7361, 15.2948, 10.1808

Sweetspot

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



24.3599, 15.2951, 96.2761



63.8165, 62.8158, 103.3689



55.4715, 79.7583, 99.7410



12.9278, 12.5715, 21.9951



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.



24.3599, 15.2951, 96.2761



20.1148, 10.0039, 95.4785



34.6301, 19.7082, 96.5866



17.0684, 17.5084, 22.7298



9.5247, 3.9589, 49.6967



0.9494, 0.4294, 4.8461

Inverse Universe

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



45.5344, 27.2253, 11.4492



42.6107, 23.0659, 5.2708



54.7579, 81.1590, 19.8026



18.0424, 18.0003, 18.8405



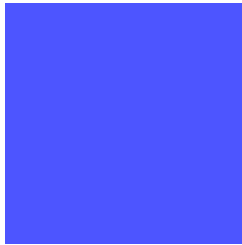
21.5958, 11.1276, 1.2561



2.1138, 1.0879, 0.1807

Previews

White Background



This preview shows how the XYZ color 24.3591, 15.2948, 96.2761 looks on a white background.

Color Contrast Check

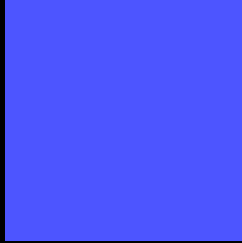
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3591, 15.2948, 96.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

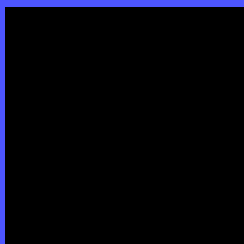
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3591, 15.2948, 96.2761

Background



This preview shows how black text looks on a background with the XYZ color 24.3591, 15.2948, 96.2761.



This preview shows how white text looks on a background with the XYZ color 24.3591, 15.2948,

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

24.3591, 15.2948, 96.2761

Protanopia

17.8686, 15.0679, 69.6768

Deuteranopia

14.8697, 15.0430, 50.2640



Tritanopia

10.6128, 14.9915, 22.7564

Trichromacy



Original Color

24.3591, 15.2948, 96.2761

Protanomaly

19.4616, 14.6795, 78.8985

Deuteranomaly

17.2405, 14.5537, 64.8513

Tritanomaly

13.3766, 13.8183, 42.0066

Monochromacy



Original Color

24.3591, 15.2948, 96.2761

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.8686, 13.1615, 34.1045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3591, 15.2948, 96.2761 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(77, 85, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 85, 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(77, 85, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 85, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.3591, 15.2948, 96.2761 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(77, 85, 255) }
```


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

```
.border{ border-color:rgb(77, 85, 255) }
```

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

Here you see how a box with a 4 pixel rgb(77, 85, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 85, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 85, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 85,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3591, 15.2948, 96.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 85, 255) }
```

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

```
.background{ background-color: rgb(77, 85,  
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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