

Converting Colors

XYZ(24.3030, 16.0156, 95.5764)

Have a look what the booklet for
XYZ(24.3030, 16.0156, 95.5764)
contains.

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Color

**XYZ(24.3030, 16.0156,
95.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	485BFE
RGB	72, 91, 254
RGB Percent	28%, 36%, 100%
CMY	0.7176, 0.6431, 0.0039
CMYK	0.72, 0.64, 0.00, 0.00
HSL	234°, 99%, 64%
HSV	234°, 72%, 100%
XYZ	24.3030, 16.0156, 95.5764
YIQ	103.9010, -63.6470, 46.6650

Conversions

Conversions Part 2

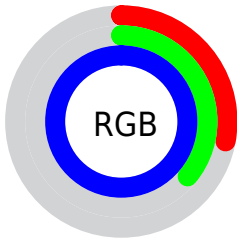
Format	Color
R_{YB}	72, 89, 254
Decimal	4742142
CIE _{Lab}	46.99, 45.82, -82.88
CIE _{LCh}	47, 94.708, 298.937
Yxy	16.0156, 0.1788, 0.1179
Android (android.graphics.Color)	4282932222 (0xFF485BFE)
YUV	103.9010, 73.9988, -27.9772
Hunter-Lab	40.0195, 38.3652, -113.5855




Details

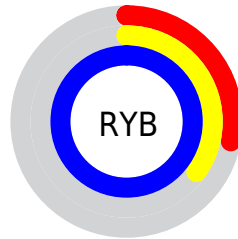
The XYZ color **24.3030, 16.0156, 95.5764** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **71.7561, 80.9644, 17.9789**, and the grayscale version is **12.9537, 13.6283, 14.8412**.



A 20% lighter version of the original color is **38.9026, 32.1094, 98.7551**, and **10.9022, 5.8623, 52.7815** is the 20% darker color. If you saturate the color by 10%, you get **21.1262, 11.9153, 94.9529**, and if you desaturate by 10%, it is **28.8524, 21.6980, 96.4339**.

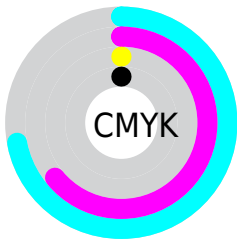
Distribution







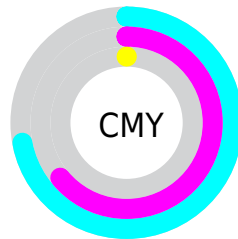
-  Red (28%)
-  Green (36%)
-  Blue (100%)






-  Red (28%)
-  Yellow (35%)
-  Blue (100%)



-  Cyan (72%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (72%)
-  Magenta (64%)
-  Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3030, 16.0156, 95.5764 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 24.3030, 16.0156, 95.5764 by changing the saturation by 10% instead.

■ 24.3030, 16.0156,
95.5764

■ 24.3030, 16.0156,
95.5764

266.7609,
229.4338, 567.0400

■ 15.6845, 9.5352,
72.0153

■ 49.9753, 36.6253,
157.0631

■ 9.3906, 5.0919,
52.6842

■ 67.7598, 51.5234,
195.8258

■ 5.0560, 2.3013,
37.1648

■ 89.3303, 69.9961,
240.4927

■ 2.3152, 0.7744,
25.0383

■ 115.0522, 92.4279,
291.4824

■ 0.8024, 0.0000,
15.8863

■ 145.2909,
119.2032, 349.2134

■ 0.0000, 0.0000,
9.2903

180.4116,

■ 0.0000, 0.0000,

150.7063, 414.1044

4.8316

220.7799,
187.3217, 486.5737

■ 0.0000, 0.0000,
2.0918

■ 0.0000, 0.0000,
0.6109

■ 24.3030, 16.0156,
95.5764

■ 24.3030, 16.0156,
95.5764

■ 21.1262, 11.9153,
94.9529

■ 28.8524, 21.6980,
96.4339

■ 19.1608, 9.2326,
94.5386

■ 34.9058, 29.1022,
97.5440

■ 18.2700, 7.9168,
94.3316

■ 42.5820, 38.3538,
98.9251

■ 51.9869, 49.5659,
100.5936

■ 63.2178, 62.8429,
102.5644

■ 76.3644, 78.2815,
104.8514

■ 91.5106, 95.9724,
107.4678

■ 94.8895, 99.9358,
108.0548

Harmonies

Analogous

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



14.9287, 16.0156, 114.3685



24.3030, 16.0156, 95.5764



33.3492, 16.0156, 53.1551

Triad

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



24.3030, 16.0156, 95.5764



25.0090, 16.0156, 0.0000



4.2049, 16.0156, 16.6054

Complementary

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



24.3030, 16.0156, 95.5764



71.7561, 80.9644, 17.9789

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.



5.2487, 16.0156, 2.9024



24.3030, 16.0156, 95.5764



15.5198, 16.0156, 0.0000

Square

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



24.3030, 16.0156, 95.5764



33.8502, 16.0156, 3.3690



8.7429, 16.0156, 0.0000



5.1047, 16.0156, 50.1320

Rectangle

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



24.3030, 16.0156, 95.5764



36.8165, 16.0156, 27.7384



8.7429, 16.0156, 0.0000



4.3305, 16.0156, 10.0676

Sweetspot

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



24.3039, 16.0160, 95.5769



64.5802, 64.3433, 103.6235



52.7904, 78.1322, 89.2164



13.1051, 12.9261, 22.0542



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.



24.3039, 16.0160, 95.5769



20.3095, 10.6744, 95.5977



31.3245, 17.5232, 95.4978



17.1555, 17.6825, 22.7588



9.6808, 4.2712, 49.7488



0.9905, 0.5117, 4.8598

Inverse Universe

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



45.0798, 26.4627, 12.6291



42.6403, 22.8151, 6.2368



56.4366, 81.5719, 18.9036



18.0864, 18.0179, 19.0720



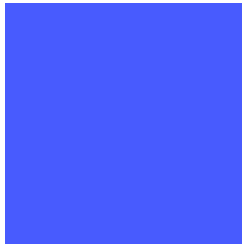
21.6746, 11.1591, 1.6711



2.1346, 1.0962, 0.2901

Previews

White Background



This preview shows how the XYZ color 24.3030, 16.0156, 95.5764 looks on a white background.

Color Contrast Check

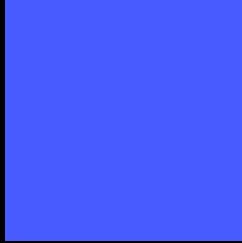
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3030, 16.0156, 95.5764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

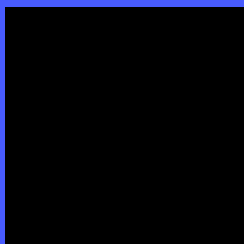
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3030, 16.0156, 95.5764

Background



This preview shows how black text looks on a background with the XYZ color 24.3030, 16.0156, 95.5764.



This preview shows how white text looks on a background with the XYZ color 24.3030, 16.0156,

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

24.3030, 16.0156, 95.5764

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

15.5308, 15.6605, 52.6563



Tritanopia

11.1797, 15.8046, 23.9341

Trichromacy



Original Color

24.3030, 16.0156, 95.5764

Protanomaly

20.2200, 15.5831, 81.2990

Deuteranomaly

17.7433, 15.2291, 66.2943

Tritanomaly

13.9469, 14.7231, 43.1811

Monochromacy



Original Color

24.3030, 16.0156, 95.5764

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.1335, 13.7022, 34.6481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3030, 16.0156, 95.5764 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(72, 91, 254)` looks like.

```
.text, #text, p{  
    color:rgb(72, 91, 254)  
}
```

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(72, 91, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 91, 254) }
```

Border

The CSS property to change the border of an element to XYZ 24.3030, 16.0156, 95.5764 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(72, 91, 254) }
```


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

```
.border{ border-color:rgb(72, 91, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 91, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 91, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 91, 254);  
box-shadow:4px 4px 4px 4px rgb(72, 91,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3030, 16.0156, 95.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 91, 254) }
```

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

```
.background{ background-color: rgb(72, 91,  
254) }
```

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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