

Converting Colors

XYZ(24.5500, 19.3093, 88.6604)

Have a look what the booklet for
XYZ(24.5500, 19.3093, 88.6604)
contains.

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Color

**XYZ(24.5903, 19.3742,
88.8297)**

Conversions

Conversions Part 1

Format	Color
Hex	4370F5
RGB	67, 112, 245
RGB Percent	26%, 44%, 96%
CMY	0.7372, 0.5608, 0.0392
CMYK	0.73, 0.54, 0.00, 0.04
HSL	225°, 90%, 61%
HSV	225°, 73%, 96%
XYZ	24.5903, 19.3742, 88.8297
YIQ	113.7070, -69.5130, 31.8230

Conversions

Conversions Part 2

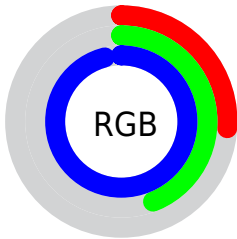
Format	Color
R _{YB}	67, 103, 245
Decimal	4419829
CIE Lab	51.12, 29.28, -71.15
CIE LCh	51, 76.941, 292.368
Yxy	19.3742, 0.1852, 0.1459
Android (android.graphics.Color)	4282609909 (0xFF4370F5)
YUV	113.7070, 64.7274, -40.9620
Hunter-Lab	44.0161, 22.6936, -88.8429

Details

The XYZ color **24.5903, 19.3742, 88.8297** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **59.3269, 61.1321, 13.9849**, and the grayscale version is **15.7355, 16.5550, 18.0284**.

A 20% lighter version of the original color is **41.3005, 38.6486, 99.8909**, and **10.9674, 7.4114, 48.4295** is the 20% darker color. If you saturate the color by 10%, you get **21.4329, 15.0466, 88.1613**, and if you desaturate by 10%, it is **28.8702, 24.8901, 89.6693**.

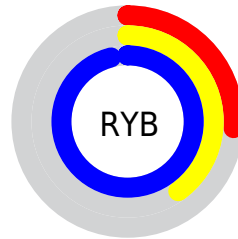
Distribution



Red (26%)

Green (44%)

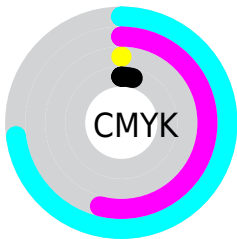
Blue (96%)



Red (26%)

Yellow (40%)

Blue (96%)

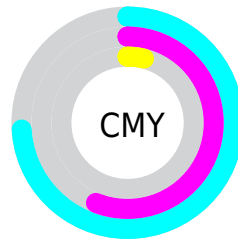


Cyan (73%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5903, 19.3742, 88.8297 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 24.5903, 19.3742, 88.8297 by changing the saturation by 10% instead.

■ 24.5903, 19.3742,
88.8297

■ 24.5903, 19.3742,
88.8297

268.1768,
248.5068, 544.6881

■ 15.8992, 11.9410,
66.4422

■ 50.4395, 42.3655,
147.6330

■ 9.5432, 6.7035,
48.1727

■ 68.3283, 58.6923,
184.8859

■ 5.1571, 3.2774,
33.6027

■ 90.0136, 78.7524,
227.9309

■ 2.3754, 1.2782,
22.3137

■ 115.8609,
102.9303, 277.1867

■ 0.8328, 0.1242,
13.8870

146.2356,
131.6103, 333.0718

■ 0.0000, 0.0000,
7.9043

181.5029,

■ 0.0000, 0.0000,

165.1768, 396.0047

3.9469

222.0282,
204.0142, 466.4039

■ 0.0000, 0.0000,
1.5962

■ 0.0000, 0.0000,
0.2881

■ 24.5903, 19.3742,
88.8297

■ 24.5903, 19.3742,
88.8297

■ 21.4329, 15.0466,
88.1613

■ 28.8702, 24.8901,
89.6693

■ 19.2735, 11.8059,
87.6496

■ 34.3722, 31.6797,
90.6898

■ 18.2001, 10.0298,
87.3633

■ 41.1877, 39.8217,
91.9022

■ 49.3982, 49.3874,
93.3158

■ 59.0781, 60.4432,
94.9396

■ 70.2967, 73.0507,
96.7818

■ 83.1186, 87.2684,
98.8503

■ 93.4815, 99.3726,
100.6405

Harmonies

Analogous

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



16.5315, 19.3742, 96.3136



24.5903, 19.3742, 88.8297



32.6718, 19.3742, 58.6263

Triad

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



24.5903, 19.3742, 88.8297



28.9205, 19.3742, 2.2392



7.3542, 19.3742, 15.9859

Complementary

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



24.5903, 19.3742, 88.8297



59.3269, 61.1321, 13.9849

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.



9.0582, 19.3742, 4.4224



24.5903, 19.3742, 88.8297



20.4356, 19.3742, 0.8307

Square

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



24.5903, 19.3742, 88.8297



35.6157, 19.3742, 8.7929



13.3705, 19.3742, 1.2055



7.8959, 19.3742, 41.4996

Rectangle

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



24.5903, 19.3742, 88.8297



36.2641, 19.3742, 36.5790



13.3705, 19.3742, 1.2055



7.6621, 19.3742, 10.7447

Sweetspot

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



24.5913, 19.3747, 88.8302



65.3910, 66.9771, 104.0891



45.1078, 70.5547, 64.3874



13.3388, 13.5903, 22.1701



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.



24.5913, 19.3747, 88.8302



22.2731, 14.7280, 96.2766



24.7399, 13.8306, 87.7523



15.9215, 16.6073, 20.9089



9.8975, 5.5887, 47.0951



0.9487, 0.6489, 4.1655

Inverse Universe

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



42.5889, 24.5982, 17.8325



43.6007, 23.0811, 11.6578



58.4228, 78.4731, 17.3797



16.6710, 16.5512, 18.0139



20.8003, 10.6636, 3.6567



1.8679, 0.9531, 0.5309

Previews

White Background



This preview shows how the XYZ color 24.5903, 19.3742, 88.8297 looks on a white background.

Color Contrast Check

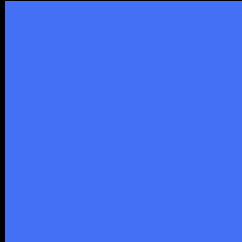
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5903, 19.3742, 88.8297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

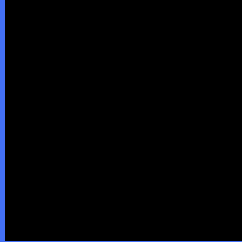
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5903, 19.3742, 88.8297

Background



This preview shows how black text looks on a background with the XYZ color 24.5903, 19.3742, 88.8297.



This preview shows how white text looks on a background with the XYZ color 24.5903, 19.3742,

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

24.5903, 19.3742, 88.8297

Protanopia

23.1887, 19.2681, 91.3039

Deuteranopia

19.3453, 19.2703, 66.3183



Tritanopia

13.5591, 19.0638, 29.3506

Trichromacy



Original Color

24.5903, 19.3742, 88.8297

Protanomaly

23.2959, 19.1711, 90.4682

Deuteranomaly

20.6838, 19.0634, 73.8236

Tritanomaly

16.1780, 18.4521, 46.4250

Monochromacy



Original Color

24.5903, 19.3742, 88.8297

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.3565, 16.9603, 36.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5903, 19.3742, 88.8297 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(67, 112, 245)` looks like.

```
.text, #text, p{  
    color:rgb(67, 112, 245)  
}
```

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(67, 112, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 112, 245) }
```

Border

The CSS property to change the border of an element to XYZ 24.5903, 19.3742, 88.8297 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(67, 112, 245) }
```


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

```
.border{ border-color:rgb(67, 112, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 112, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 112, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 112, 245);  
box-shadow:4px 4px 4px 4px rgb(67, 112,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5903, 19.3742, 88.8297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 112, 245) }
```

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

```
.background{ background-color: rgb(67, 112,  
245) }
```

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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