

Converting Colors

XYZ(18.0594, 10.5358, 76.6831)

Have a look what the booklet for
XYZ(18.0594, 10.5358, 76.6831)
contains.

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Color

**XYZ(18.0594, 10.5358,
76.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	3942E7
RGB	57, 66, 231
RGB Percent	22%, 26%, 91%
CMY	0.7764, 0.7412, 0.0941
CMYK	0.75, 0.71, 0.00, 0.09
HSL	237°, 78%, 56%
HSV	237°, 75%, 91%
XYZ	18.0594, 10.5358, 76.6831
YIQ	82.1190, -58.3290, 49.4070

Conversions

Conversions Part 2

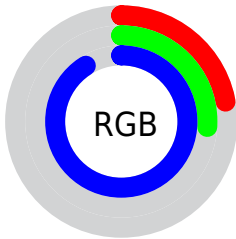
Format	Color
R_{YB}	57, 66, 231
Decimal	3752679
CIE _{Lab}	38.79, 51.29, -83.48
CIE _{LCh}	39, 97.980, 301.569
Yxy	10.5358, 0.1715, 0.1001
Android (android.graphics.Color)	4281942759 (0xFF3942E7)
YUV	82.1190, 73.3983, -22.0294
Hunter-Lab	32.4589, 42.5103, -117.3495

Details

The XYZ color **18.0594, 10.5358, 76.6831** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **59.8198, 69.5361, 14.1417**, and the grayscale version is **7.9107, 8.3227, 9.0634**.

A 20% lighter version of the original color is **33.3867, 24.2273, 97.5244**, and **7.8901, 3.5563, 40.3150** is the 20% darker color. If you saturate the color by 10%, you get **15.9848, 7.9163, 76.2872**, and if you desaturate by 10%, it is **21.2237, 14.4439, 77.2710**.

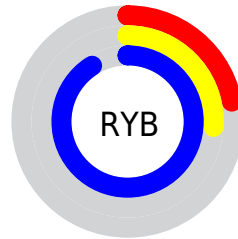
Distribution



 Red (22%)

 Green (26%)

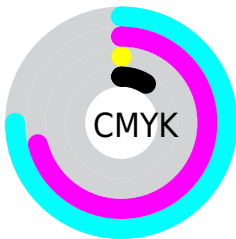
 Blue (91%)



 Red (22%)

 Yellow (26%)

 Blue (91%)

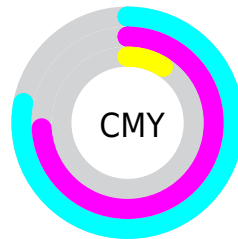


 Cyan (75%)


 Magenta (71%)

 Yellow (0%)

 Black (9%)



 Cyan (78%)

 Magenta (74%)

 Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0594, 10.5358, 76.6831 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 18.0594, 10.5358, 76.6831 by changing the saturation by 10% instead.

■ 18.0594, 10.5358,
76.6831

■ 18.0594, 10.5358,
76.6831

234.2448,
194.4546, 503.0918

■ 11.0926, 5.7556,
56.4828

■ 39.6678, 26.7985,
130.4610

■ 6.1969, 2.6971,
40.1836

■ 55.0401, 39.0499,
164.8756

■ 3.0070, 0.9757,
27.3668

■ 73.9450, 54.5604,
204.8655

■ 1.1574, 0.0000,
17.6140

■ 96.7477, 73.7145,
250.8491

■ 0.0724, 0.0000,
10.5067

■ 123.8137, 96.8966,
303.2450

■ 0.0000, 0.0000,
5.6262

155.5083,

■ 0.0000, 0.0000,

124.4910, 362.4717

2.5541

192.1969,
156.8822, 428.9478

■ 0.0000, 0.0000,
0.8686

■ 0.0000, 0.0000,
0.0000

■ 18.0594, 10.5358,
76.6831

■ 18.0594, 10.5358,
76.6831

■ 15.9848, 7.9163,
76.2872

■ 21.2237, 14.4439,
77.2710

■ 14.8499, 6.4203,
76.0582

■ 25.5977, 19.7772,
78.0699

■ 14.5545, 6.0307,
75.9986

■ 31.2878, 26.6557,
79.0977

■ 38.3881, 35.1864,
80.3700

■ 46.9844, 45.4668,
81.9013

■ 57.1553, 57.5870,
83.7046

■ 68.9740, 71.6306,
85.7924

■ 82.5093, 87.6763,
88.1762

■ 91.4239, 98.5495,
89.8051

Harmonies

Analogous

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



10.3591, 10.5358, 96.9427



18.0594, 10.5358, 76.6831



25.4607, 10.5358, 38.2419

Triad

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



18.0594, 10.5358, 76.6831



17.1977, 10.5358, 0.0000



2.0074, 10.5358, 12.4771

Complementary

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



18.0594, 10.5358, 76.6831



59.8198, 69.5361, 14.1417

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.



2.5657, 10.5358, 1.4876



18.0594, 10.5358, 76.6831



9.6766, 10.5358, 0.0000

Square

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



18.0594, 10.5358, 76.6831



24.8303, 10.5358, 1.0947



4.8033, 10.5358, 0.0000



2.7059, 10.5358, 42.1452

Rectangle

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



18.0594, 10.5358, 76.6831



28.0963, 10.5358, 17.5420



4.8033, 10.5358, 0.0000



2.0523, 10.5358, 6.9934

Sweetspot

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



18.0601, 10.5360, 76.6834



61.4167, 60.0239, 102.9565



43.1033, 63.1580, 77.2141



12.2282, 11.7525, 21.8739



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.



18.0601, 10.5360, 76.6834



19.1359, 8.7781, 95.2935



25.4674, 13.6357, 76.8913



13.6422, 14.0059, 18.1287



8.1862, 3.4346, 42.6146



0.6261, 0.2962, 3.1561

Inverse Universe

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



35.4023, 20.3100, 7.2082



41.9379, 22.1126, 3.8370



42.9492, 64.4764, 14.0543



14.4070, 14.3800, 15.0777



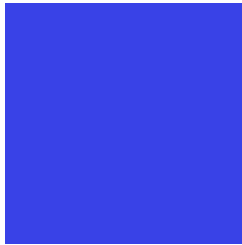
18.5255, 9.5444, 1.1305



1.3797, 0.7096, 0.1399

Previews

White Background



This preview shows how the XYZ color 18.0594, 10.5358, 76.6831 looks on a white background.

Color Contrast Check

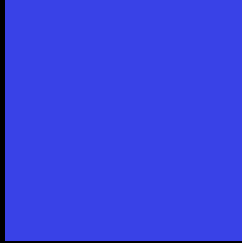
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0594, 10.5358, 76.6831 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 18.0594, 10.5358, 76.6831

Background



This preview shows how black text looks on a background with the XYZ color 18.0594, 10.5358, 76.6831.



This preview shows how white text looks on a background with the XYZ color 18.0594, 10.5358,

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

18.0594, 10.5358, 76.6831

Protanopia

12.0599, 10.2771, 46.6954

Deuteranopia

10.0002, 10.2630, 33.3522



Tritanopia

7.3075, 10.3689, 15.5262

Trichromacy



Original Color

18.0594, 10.5358, 76.6831

Protanomaly

13.6479, 9.9684, 56.4631

Deuteranomaly

12.0542, 9.8066, 46.6049

Tritanomaly

9.4665, 9.4059, 31.0223

Monochromacy



Original Color

18.0594, 10.5358, 76.6831

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.7760, 8.3629, 24.3915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0594, 10.5358, 76.6831 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(57, 66, 231)` looks like.

```
.text, #text, p{  
    color:rgb(57, 66, 231)  
}
```

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(57, 66, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 66, 231) }
```

Border

The CSS property to change the border of an element to XYZ 18.0594, 10.5358, 76.6831 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(57, 66, 231) }
```


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

```
.border{ border-color:rgb(57, 66, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 66, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 66, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 66, 231);  
box-shadow:4px 4px 4px 4px rgb(57, 66,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0594, 10.5358, 76.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 66, 231) }
```

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

```
.background{ background-color: rgb(57, 66,  
231) }
```

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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