

Converting Colors

XYZ(18.4117, 21.0980, 33.2391)

Have a look what the booklet for
XYZ(18.4117, 21.0980, 33.2391)
contains.

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Color

**XYZ(18.4147, 21.0777,
33.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8499
RGB	92, 132, 153
RGB Percent	36%, 52%, 60%
CMY	0.6392, 0.4823, 0.4000
CMYK	0.40, 0.14, 0.00, 0.40
HSL	201°, 25%, 48%
HSV	201°, 40%, 60%
XYZ	18.4147, 21.0777, 33.2348
YIQ	122.4340, -30.5810, -1.9490

Conversions

Conversions Part 2

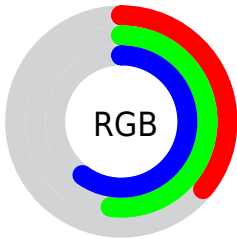
Format	Color
R_{YB}	92, 116, 153
Decimal	6063257
CIE _{Lab}	53.03, -8.24, -15.64
CIE _{LCh}	53, 17.675, 242.205
Yxy	21.0777, 0.2532, 0.2898
Android (android.graphics.Color)	4284253337 (0xFF5C8499)
YUV	122.4340, 15.0690, -26.6906
Hunter-Lab	45.9105, -8.7469, -10.7830

Details

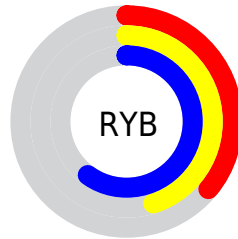
The XYZ color **18.4147, 21.0777, 33.2348** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9743, 19.3559, 12.7566**, and the grayscale version is **18.6005, 19.5692, 21.3109**.

A 20% lighter version of the original color is **40.2885, 45.2227, 65.6369**, and **6.4060, 7.6172, 13.7030** is the 20% darker color. If you saturate the color by 10%, you get **16.3417, 18.9758, 32.9387**, and if you desaturate by 10%, it is **20.8338, 23.4125, 33.5583**.

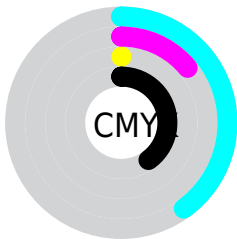
Distribution



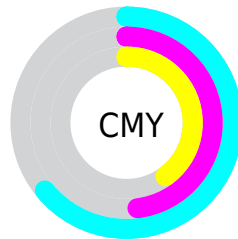
- Red (36%)
- Green (52%)
- Blue (60%)



- Red (36%)
- Yellow (45%)
- Blue (60%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4147, 21.0777, 33.2348 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 18.4147, 21.0777, 33.2348 by changing the saturation by 10% instead.

■ 18.4147, 21.0777,
33.2348

■ 18.4147, 21.0777,
33.2348

236.1989,
257.6911, 331.3708

■ 11.3496, 13.1808,
22.0338

■ 40.2673, 45.2168,
65.8622

■ 6.3715, 7.5532,
13.6832

■ 55.7855, 62.2278,
88.1256

■ 3.1151, 3.8104,
7.7644

■ 74.8521, 83.0457,
114.9136

■ 1.2149, 1.5681,
3.8590

■ 97.8325, 108.0547,
146.6447

■ 0.1181, 0.3359,
1.5483

125.0920,
137.6394, 183.7374

■ 0.0000, 0.0000,
0.2535

156.9960,

■ 0.0000, 0.0000,

172.1841, 226.6103

0.0000

193.9098,
212.0732, 275.6819

■ 18.4147, 21.0777,
33.2348

■ 18.4147, 21.0777,
33.2348

■ 16.3417, 18.9758,
32.9387

■ 20.8338, 23.4125,
33.5583

■ 14.5936, 17.0936,
32.6676

■ 23.6146, 25.9877,
33.9088

■ 13.1497, 15.4203,
32.4207

■ 26.7743, 28.8132,
34.2877

■ 11.9862, 13.9426,
32.1968

■ 30.3280, 31.8977,
34.6957

■ 11.0748, 12.6452,
31.9944

■ 34.2903, 35.2493,
35.1338

■ 10.3479, 11.4923,
31.8102

■ 38.6749, 38.8758,
35.6027

■ 10.3387, 11.4776,
31.8078

■ 43.4948, 42.7847,
36.1032

■ 48.7625, 46.9829,
36.6359

■ 54.4898, 51.4774,
37.2015

Harmonies

Analogous

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



17.1623, 21.0777, 28.8417



18.4147, 21.0777, 33.2348



20.1714, 21.0777, 34.7577

Triad

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



18.4147, 21.0777, 33.2348



23.8170, 21.0777, 22.5588



18.1907, 21.0777, 15.3404

Complementary

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



18.4147, 21.0777, 33.2348



20.9743, 19.3559, 12.7566

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.



19.8967, 21.0777, 14.1744



18.4147, 21.0777, 33.2348



23.2088, 21.0777, 17.9209

Square

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



18.4147, 21.0777, 33.2348



23.3607, 21.0777, 28.0554



21.7450, 21.0777, 15.0416



17.0387, 21.0777, 18.5050

Rectangle

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



18.4147, 21.0777, 33.2348



21.4134, 21.0777, 33.7770



21.7450, 21.0777, 15.0416



18.7146, 21.0777, 14.7259

Sweetspot

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



18.4154, 21.0785, 33.2353



46.5454, 50.3601, 61.2393



18.7487, 26.2356, 19.5033



10.1294, 10.9883, 13.5046



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.4154, 21.0785, 33.2353



29.5822, 34.3123, 59.0358



14.9319, 14.1116, 32.0741



6.2054, 6.6683, 7.8890



8.5765, 9.5496, 26.2989



0.1618, 0.2099, 0.4044

Inverse Universe

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



21.1295, 16.0933, 23.8232



35.3056, 24.6687, 38.9931



24.8666, 27.1404, 14.0540



6.3708, 6.2875, 7.3328



12.7878, 6.3693, 10.6733



0.2081, 0.1020, 0.2488

Previews

White Background



This preview shows how the XYZ color 18.4147, 21.0777, 33.2348 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 18.4147, 21.0777, 33.2348 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 18.4147, 21.0777, 33.2348

Background



This preview shows how black text looks on a background with the XYZ color 18.4147, 21.0777, 33.2348.



This preview shows how white text looks on a background with the XYZ color 18.4147, 21.0777,

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

18.4147, 21.0777, 33.2348

Protanopia

20.7050, 20.9429, 30.9681

Deuteranopia

21.4362, 21.0669, 33.9469



Tritanopia

17.6380, 20.9623, 29.5021

Trichromacy



Original Color

18.4147, 21.0777, 33.2348

Protanomaly

19.7797, 21.0199, 31.8689

Deuteranomaly

20.1042, 20.9566, 33.5573

Tritanomaly

17.9684, 21.1058, 30.7306

Monochromacy



Original Color

18.4147, 21.0777, 33.2348

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.2500, 19.9947, 25.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4147, 21.0777, 33.2348 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(92, 132, 153) looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 153)  
}
```

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(92, 132, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.4147, 21.0777, 33.2348 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(92, 132, 153) }
```


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

```
.border{ border-color:rgb(92, 132, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4147, 21.0777, 33.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 153) }
```

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

```
.background{ background-color: rgb(92, 132,  
153) }
```

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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