

Converting Colors

XYZ(15.8951, 15.4714, 33.1589)

Have a look what the booklet for
XYZ(15.8951, 15.4714, 33.1589)
contains.

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Color

**XYZ(15.8951, 15.4714,
33.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6C9B
RGB	94, 108, 155
RGB Percent	37%, 42%, 61%
CMY	0.6314, 0.5765, 0.3922
CMYK	0.39, 0.30, 0.00, 0.39
HSL	226°, 24%, 49%
HSV	226°, 39%, 61%
XYZ	15.8951, 15.4714, 33.1589
YIQ	109.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

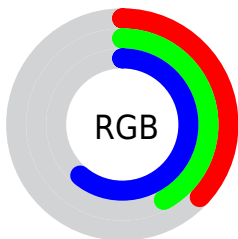
Format	Color
R_{YB}	94, 105, 155
Decimal	6188187
CIE _{Lab}	46.27, 7.05, -27.19
CIE _{LCh}	46, 28.091, 284.543
Yxy	15.4714, 0.2463, 0.2398
Android (android.graphics.Color)	4284378267 (0xFF5E6C9B)
YUV	109.1720, 22.5932, -13.3058
Hunter-Lab	39.3337, 3.2995, -22.4488

Details

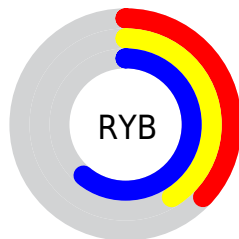
The XYZ color **15.8951, 15.4714, 33.1589** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.0634, 26.8271, 14.4476**, and the grayscale version is **14.5277, 15.2843, 16.6446**.

A 20% lighter version of the original color is **35.8851, 35.5604, 65.9453**, and **5.1637, 4.8506, 13.7608** is the 20% darker color. If you saturate the color by 10%, you get **13.2880, 12.3842, 32.7007**, and if you desaturate by 10%, it is **18.9950, 19.0695, 33.6903**.

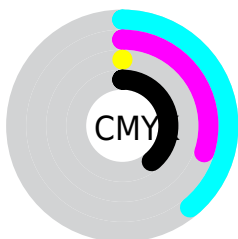
Distribution



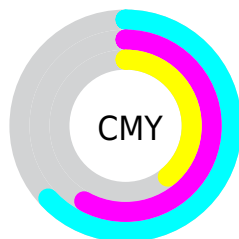
- Red (37%)
- Green (42%)
- Blue (61%)



- Red (37%)
- Yellow (41%)
- Blue (61%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8951, 15.4714, 33.1589 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 15.8951, 15.4714, 33.1589 by changing the saturation by 10% instead.

■ 15.8951, 15.4714,
33.1589

■ 15.8951, 15.4714,
33.1589

222.0045,
226.2020, 331.0191

■ 9.5403, 9.1509,
21.9761

■ 35.9749, 35.6781,
65.7424

■ 5.1552, 4.8397,
13.6412

■ 50.4307, 50.3330,
87.9802

■ 2.3743, 2.1535,
7.7356

■ 68.3175, 68.5349,
114.7400

■ 0.8323, 0.6945,
3.8409

■ 90.0007, 90.6681,
146.4404

■ 0.0000, 0.0000,
1.5385

115.8456,
117.1170, 183.5000

■ 0.0000, 0.0000,
0.2464

146.2177,

■ 0.0000, 0.0000,

148.2660, 226.3373

0.0000

181.4822,
184.4996, 275.3708

■ 15.8951, 15.4714,
33.1589

■ 15.8951, 15.4714,
33.1589

■ 13.2880, 12.3842,
32.7007

■ 18.9950, 19.0695,
33.6903

■ 11.1459, 9.7822,
32.3114

■ 22.6104, 23.1989,
34.2968

■ 9.4407, 7.6402,
31.9878

■ 26.7643, 27.8810,
34.9816

■ 8.1402, 5.9297,
31.7262

■ 31.4778, 33.1357,
35.7474

■ 7.2076, 4.6188,
31.5223

■ 36.7712, 38.9817,
36.5968

■ 6.5704, 3.6558,
31.3700

■ 42.6633, 45.4367,
37.5322

■ 6.5345, 3.6026,
31.3616

■ 49.1723, 52.5181,
38.5560

■ 56.3157, 60.2420,
39.6704

■ 64.1101, 68.6245,
40.8776

Harmonies

Analogous

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



13.5086, 15.4714, 33.0732



15.8951, 15.4714, 33.1589



18.1870, 15.4714, 28.1359

Triad

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



15.8951, 15.4714, 33.1589



18.2471, 15.4714, 9.1692



10.6891, 15.4714, 13.5618

Complementary

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



15.8951, 15.4714, 33.1589



25.0634, 26.8271, 14.4476

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.



11.6986, 15.4714, 9.0700



15.8951, 15.4714, 33.1589



15.9702, 15.4714, 7.0454

Square

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



15.8951, 15.4714, 33.1589



19.6419, 15.4714, 13.7390



13.5760, 15.4714, 7.0149



10.6737, 15.4714, 20.3887

Rectangle

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



15.8951, 15.4714, 33.1589



19.2799, 15.4714, 23.1922



13.5760, 15.4714, 7.0149



10.9181, 15.4714, 11.7776

Sweetspot

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



15.8956, 15.4720, 33.1593



45.6872, 47.4122, 62.2798



21.1283, 27.7390, 29.3494



10.1372, 10.5021, 14.0632



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.8956, 15.4720, 33.1593



24.4155, 22.9183, 58.6731



16.3834, 13.7048, 32.7925



5.9938, 6.2450, 7.8185



5.2737, 2.9440, 25.1980



0.1028, 0.0919, 0.3847

Inverse Universe

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



20.2276, 16.0573, 16.2212



33.3713, 24.5188, 23.5681



24.3452, 29.7173, 15.0433



6.2640, 6.2448, 6.7703



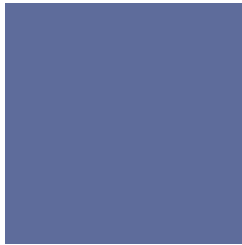
11.1207, 5.7025, 1.8945



0.1783, 0.0901, 0.0920

Previews

White Background



This preview shows how the XYZ color 15.8951, 15.4714, 33.1589 looks on a white background.

Color Contrast Check

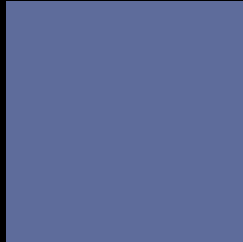
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8951, 15.4714, 33.1589 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

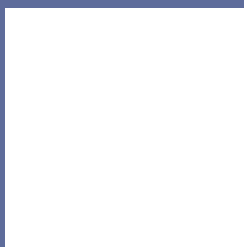
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8951, 15.4714, 33.1589

Background



This preview shows how black text looks on a background with the XYZ color 15.8951, 15.4714, 33.1589.



This preview shows how white text looks on a background with the XYZ color 15.8951, 15.4714,

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

15.8951, 15.4714, 33.1589

Protanopia

15.9983, 15.5246, 33.1637

Deuteranopia

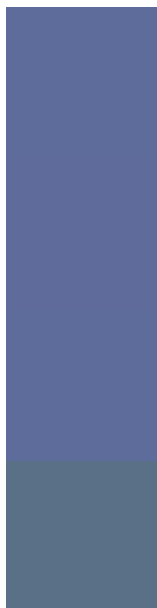
15.7932, 15.4188, 33.1541



Tritanopia

13.4302, 15.4431, 21.0119

Trichromacy



Original Color

15.8951, 15.4714, 33.1589

Protanomaly

15.9983, 15.5246, 33.1637

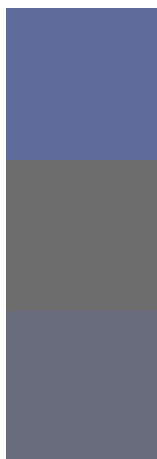
Deuteranomaly

15.7932, 15.4188, 33.1541

Tritanomaly

14.2872, 15.4615, 25.1530

Monochromacy



Original Color

15.8951, 15.4714, 33.1589

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9435, 15.3867, 21.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8951, 15.4714, 33.1589 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(94, 108, 155) looks like.

```
.text, #text, p{  
    color:rgb(94, 108, 155)  
}
```

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(94, 108, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 108, 155) }
```

Border

The CSS property to change the border of an element to XYZ 15.8951, 15.4714, 33.1589 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(94, 108, 155) }
```


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

```
.border{ border-color:rgb(94, 108, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 108, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 108, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 108, 155);  
box-shadow:4px 4px 4px 4px rgb(94, 108,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8951, 15.4714, 33.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 108, 155) }
```

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

```
.background{ background-color: rgb(94, 108,  
155) }
```

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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