

Converting Colors

XYZ(15.4298, 13.1834, 34.0792)

Have a look what the booklet for
XYZ(15.4298, 13.1834, 34.0792)
contains.

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Color

**XYZ(15.4298, 13.1834,
34.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	645E9E
RGB	100, 94, 158
RGB Percent	39%, 37%, 62%
CMY	0.6078, 0.6314, 0.3804
CMYK	0.37, 0.41, 0.00, 0.38
HSL	246°, 25%, 49%
HSV	246°, 41%, 62%
XYZ	15.4298, 13.1834, 34.0792
YIQ	103.0900, -16.9680, 21.1760

Conversions

Conversions Part 2

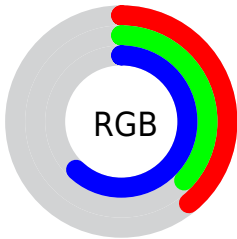
Format	Color
R_{YB}	100, 94, 158
Decimal	6577822
CIE _{Lab}	43.04, 18.28, -34.00
CIE _{LCh}	43, 38.605, 298.267
Yxy	13.1834, 0.2461, 0.2103
Android (android.graphics.Color)	4284767902 (0xFF645E9E)
YUV	103.0900, 27.0706, -2.7099
Hunter-Lab	36.3090, 12.3144, -30.2327

Details

The XYZ color **15.4298, 13.1834, 34.0792** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **27.1964, 31.9376, 15.3213**, and the grayscale version is **12.8502, 13.5194, 14.7227**.

A 20% lighter version of the original color is **35.1204, 31.5229, 67.1843**, and **4.9251, 3.8075, 14.1110** is the 20% darker color. If you saturate the color by 10%, you get **12.7191, 9.9096, 33.5904**, and if you desaturate by 10%, it is **18.7075, 17.1768, 34.6775**.

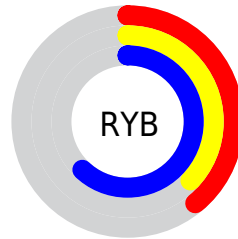
Distribution



Red (39%)

Green (37%)

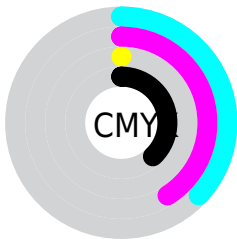
Blue (62%)



Red (39%)

Yellow (37%)

Blue (62%)

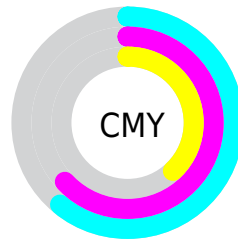


Cyan (37%)

Magenta (41%)

Yellow (0%)

Black (38%)



Cyan (61%)

Magenta (63%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4298, 13.1834, 34.0792 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 15.4298, 13.1834, 34.0792 by changing the saturation by 10% instead.

■ 15.4298, 13.1834,
34.0792

■ 15.4298, 13.1834,
34.0792

219.2903,
212.0897, 335.2650

■ 9.2099, 7.5550,
22.6766

■ 35.1709, 31.6329,
67.1921

■ 4.9365, 3.8115,
14.1518

■ 49.4228, 45.2227,
89.7395

■ 2.2444, 1.5687,
8.0864

■ 67.0828, 62.2351,
116.8389

■ 0.7660, 0.3364,
4.0617

■ 88.5161, 83.0545,
148.9089

■ 0.0000, 0.0000,
1.6593

114.0881,
108.0653, 186.3679

■ 0.0000, 0.0000,
0.3326

144.1643,

■ 0.0000, 0.0000,

137.6518, 229.6346

0.0000

179.1099,
172.1985, 279.1274

■ 15.4298, 13.1834,
34.0792

■ 15.4298, 13.1834,
34.0792

■ 12.7191, 9.9096,
33.5904

■ 18.7075, 17.1768,
34.6775

■ 10.5416, 7.3112,
33.2036

■ 22.5803, 21.9278,
35.3904

■ 8.8623, 5.3412,
32.9119

■ 27.0764, 27.4732,
36.2238

■ 7.6413, 3.9460,
32.7070

■ 32.2216, 33.8471,
37.1829

■ 6.8326, 3.0630,
32.5791

■ 38.0404, 41.0817,
38.2727

■ 6.3656, 2.5686,
32.5083

■ 44.5557, 49.2073,
39.4977

■ 51.7898, 58.2529,
40.8624

■ 59.7636, 68.2460,
42.3710

■ 68.4974, 79.2131,
44.0275

Harmonies

Analogous

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



12.3587, 13.1834, 37.6498



15.4298, 13.1834, 34.0792



18.0334, 13.1834, 24.7722

Triad

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



15.4298, 13.1834, 34.0792



15.7756, 13.1834, 4.4626



7.6509, 13.1834, 13.8661

Complementary

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



15.4298, 13.1834, 34.0792



27.1964, 31.9376, 15.3213

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.



8.2791, 13.1834, 7.3639



15.4298, 13.1834, 34.0792



12.7037, 13.1834, 3.4362

Square

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



15.4298, 13.1834, 34.0792



18.2541, 13.1834, 7.9259



10.0191, 13.1834, 4.2398



8.1489, 13.1834, 23.5615

Rectangle

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



15.4298, 13.1834, 34.0792



18.9845, 13.1834, 17.9385



10.0191, 13.1834, 4.2398



7.7351, 13.1834, 11.2828

Sweetspot

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



15.4303, 13.1839, 34.0795



47.6754, 48.0435, 65.5040



22.1248, 27.5222, 36.4942



10.5181, 10.5470, 14.7251



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.4303, 13.1839, 34.0795



23.3417, 18.2890, 61.0433



19.5865, 15.3265, 34.2740



6.3396, 6.4635, 8.3201



5.1145, 2.0657, 26.0364



0.1063, 0.0446, 0.4662

Inverse Universe

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



23.7711, 17.5420, 31.8390



40.7779, 27.4073, 56.0009



22.0862, 29.3031, 15.0822



6.8773, 6.7439, 8.2051



15.2830, 7.4178, 21.5389



0.2803, 0.1354, 0.4221

Previews

White Background



This preview shows how the XYZ color 15.4298, 13.1834, 34.0792 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 15.4298, 13.1834, 34.0792 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 15.4298, 13.1834, 34.0792

Background



This preview shows how black text looks on a background with the XYZ color 15.4298, 13.1834, 34.0792.



This preview shows how white text looks on a background with the XYZ color 15.4298, 13.1834,

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

15.4298, 13.1834, 34.0792

Protanopia

14.2286, 13.3365, 36.4746

Deuteranopia

13.4785, 13.1635, 33.2829



Tritanopia

12.0914, 13.2441, 17.2483

Trichromacy



Original Color

15.4298, 13.1834, 34.0792

Protanomaly

14.5470, 13.2399, 35.5071

Deuteranomaly

14.0208, 13.0087, 33.6702

Tritanomaly

13.1357, 13.0790, 22.6011

Monochromacy



Original Color

15.4298, 13.1834, 34.0792

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6118, 13.3692, 20.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4298, 13.1834, 34.0792 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(100, 94, 158)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 158)  
}
```

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(100, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 158) }
```

Border

The CSS property to change the border of an element to XYZ 15.4298, 13.1834, 34.0792 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(100, 94, 158) }
```


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

```
.border{ border-color:rgb(100, 94, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 94, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 158);  
box-shadow:4px 4px 4px 4px rgb(100, 94,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4298, 13.1834, 34.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 158) }
```

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

```
.background{ background-color: rgb(100, 94,  
158) }
```

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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