

Converting Colors

XYZ(34.2723, 31.6211, 50.1300)

Have a look what the booklet for
XYZ(34.2723, 31.6211, 50.1300)
contains.

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Color

**XYZ(34.3994, 31.7529,
50.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	A591B9
RGB	165, 145, 185
RGB Percent	65%, 57%, 73%
CMY	0.3529, 0.4314, 0.2745
CMYK	0.11, 0.22, 0.00, 0.27
HSL	270°, 22%, 65%
HSV	270°, 22%, 73%
XYZ	34.3994, 31.7529, 50.2148
YIQ	155.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

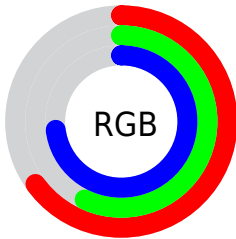
Format	Color
R_{YB}	165, 145, 185
Decimal	10850745
CIE _{Lab}	63.14, 15.21, -18.08
CIE _{LCh}	63, 23.622, 310.075
Yxy	31.7529, 0.2956, 0.2729
Android (android.graphics.Color)	4289040825 (0xFFA591B9)
YUV	155.5400, 14.5238, 8.2964
Hunter-Lab	56.3497, 10.3556, -13.3902

Details

The XYZ color **34.3994, 31.7529, 50.2148** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9779, 44.7424, 33.4240**, and the grayscale version is **31.3338, 32.9656, 35.8995**.

A 20% lighter version of the original color is **65.8158, 62.4134, 91.7972**, and **14.9776, 13.1821, 23.5848** is the 20% darker color. If you saturate the color by 10%, you get **29.9447, 25.5968, 49.2618**, and if you desaturate by 10%, it is **39.4556, 38.9041, 51.3291**.

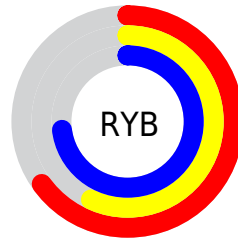
Distribution



Red (65%)

Green (57%)

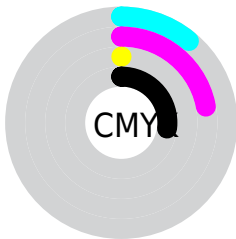
Blue (73%)



Red (65%)

Yellow (57%)

Blue (73%)

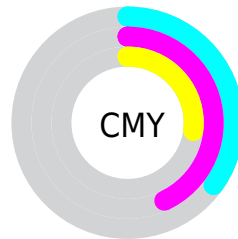


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3994, 31.7529, 50.2148 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 34.3994, 31.7529, 50.2148 by changing the saturation by 10% instead.

■ 34.3994, 31.7529,
50.2148

■ 34.3994, 31.7529,
50.2148

313.4640,
309.9921, 404.2645

■ 23.3649, 21.1728,
35.2117

■ 65.8945, 62.4235,
91.8926

■ 14.9854, 13.2504,
23.5412

■ 87.0858, 83.2828,
119.4045

■ 8.8954, 7.6012,
14.7846

112.3934,
108.3374, 151.9230

■ 4.7296, 3.8408,
8.5234

142.1827,
137.9715, 189.8667

■ 2.1226, 1.5849,
4.3391

176.8191,
172.5697, 233.6542

■ 0.7015, 0.3474,
1.8132

216.6679,

■ 0.0000, 0.0000,

212.5162, 283.7039

0.4366

262.0944,
258.1956, 340.4345

■ 0.0000, 0.0000,
0.0000

■ 34.3994, 31.7529,
50.2148

■ 34.3994, 31.7529,
50.2148

■ 29.9447, 25.5968,
49.2618

■ 39.4556, 38.9041,
51.3291

■ 26.0633, 20.3857,
48.4606

■ 45.1339, 47.0893,
52.6097

■ 22.7291, 16.0712,
47.8035

■ 51.4575, 56.3501,
54.0640

■ 19.9126, 12.5989,
47.2817

■ 58.4475, 66.7249,
55.6981

■ 17.5811, 9.9082,
46.8853

■ 66.1240, 78.2498,
57.5180

15.6975, 7.9300,
46.6027

74.1849, 90.3172,
59.4224

14.2182, 6.5824,
46.4206

77.0712, 91.8051,
59.5575

13.2206, 5.8038,
46.3229

80.1151, 93.3743,
59.6999

83.3188, 95.0258,
59.8499

Harmonies

Analogous

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



31.2904, 31.7529, 55.4384



34.3994, 31.7529, 50.2148



36.4670, 31.7529, 41.0611

Triad

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



34.3994, 31.7529, 50.2148



32.3677, 31.7529, 20.2902



24.4182, 31.7529, 37.8110

Complementary

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



34.3994, 31.7529, 50.2148



37.9779, 44.7424, 33.4240

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.



24.6609, 31.7529, 28.8080



34.3994, 31.7529, 50.2148



29.0965, 31.7529, 19.7360

Square

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



34.3994, 31.7529, 50.2148



35.2367, 31.7529, 24.2537



26.3209, 31.7529, 22.5728



25.6321, 31.7529, 47.4704

Rectangle

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



34.3994, 31.7529, 50.2148



36.8944, 31.7529, 34.5500



26.3209, 31.7529, 22.5728



24.3344, 31.7529, 34.5971

Sweetspot

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



34.4004, 31.7542, 50.2155



76.1390, 77.5371, 93.1578



34.0108, 36.6751, 51.1859



16.2726, 16.5115, 20.0510



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.4004, 31.7542, 50.2155



57.6445, 51.3553, 89.0790



38.7303, 33.9864, 50.4181



8.9374, 8.9341, 11.3328



9.0860, 3.9952, 31.5453



0.3917, 0.1776, 1.1154

Inverse Universe

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



36.9255, 33.2830, 40.0768



63.0821, 54.6473, 67.2466



34.2558, 42.8235, 33.2498



9.1868, 9.0851, 10.3313



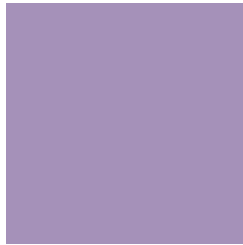
14.9905, 7.5700, 7.8370



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 34.3994, 31.7529, 50.2148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.3994, 31.7529, 50.2148 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 ✓ Pass

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

XYZ 34.3994, 31.7529, 50.2148

Background



This preview shows how black text looks on a background with the XYZ color 34.3994, 31.7529, 50.2148.



This preview shows how white text looks on a background with the XYZ color 34.3994, 31.7529,

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

34.3994, 31.7529, 50.2148

Protanopia

31.7535, 31.7366, 52.5963

Deuteranopia

32.3481, 31.6310, 49.7479



Tritanopia

31.8784, 31.6452, 38.1462

Trichromacy



Original Color

34.3994, 31.7529, 50.2148

Protanomaly

32.7734, 31.8011, 51.9878

Deuteranomaly

33.1463, 31.8086, 49.7401

Tritanomaly

32.7459, 31.7635, 42.4353

Monochromacy



Original Color

34.3994, 31.7529, 50.2148

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5014, 32.6174, 41.1420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3994, 31.7529, 50.2148 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(165, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 145, 185)  
}
```

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(165, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 145, 185) }
```

Border

The CSS property to change the border of an element to XYZ 34.3994, 31.7529, 50.2148 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(165, 145, 185) }
```


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

```
.border{ border-color:rgb(165, 145, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 145, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 145,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3994, 31.7529, 50.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 145, 185) }
```

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

```
.background{ background-color: rgb(165,  
145, 185) }
```

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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