

Converting Colors

XYZ(34.3006, 30.3999, 58.7035)

Have a look what the booklet for
XYZ(34.3006, 30.3999, 58.7035)
contains.

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Color

**XYZ(34.3006, 30.3999,
58.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	A08CC8
RGB	160, 140, 200
RGB Percent	63%, 55%, 78%
CMY	0.3725, 0.4510, 0.2157
CMYK	0.20, 0.30, 0.00, 0.22
HSL	260°, 35%, 67%
HSV	260°, 30%, 78%
XYZ	34.3006, 30.3999, 58.7035
YIQ	152.8200, -7.3400, 22.9000

Conversions

Conversions Part 2

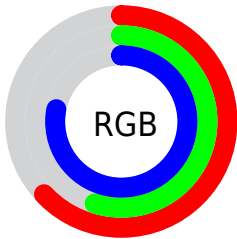
Format	Color
R_{YB}	160, 140, 200
Decimal	10521800
CIE _{Lab}	62.00, 19.78, -28.30
CIE _{LCh}	62, 34.528, 304.954
Yxy	30.3999, 0.2780, 0.2463
Android (android.graphics.Color)	4288711880 (0xFFA08CC8)
YUV	152.8200, 23.2597, 6.2969
Hunter-Lab	55.1361, 14.5581, -24.5309

Details

The XYZ color **34.3006, 30.3999, 58.7035** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2113, 52.9060, 32.6940**, and the grayscale version is **30.1053, 31.6731, 34.4920**.

A 20% lighter version of the original color is **65.3661, 60.2506, 102.7921**, and **14.9079, 12.5135, 28.8237** is the 20% darker color. If you saturate the color by 10%, you get **29.1155, 23.7764, 57.6988**, and if you desaturate by 10%, it is **40.3047, 38.2355, 59.9000**.

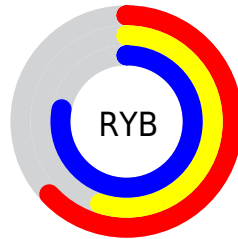
Distribution



Red (63%)

Green (55%)

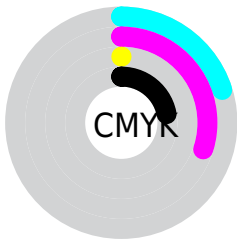
Blue (78%)



Red (63%)

Yellow (55%)

Blue (78%)

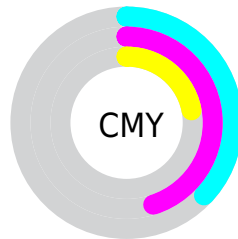


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3006, 30.3999, 58.7035 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 34.3006, 30.3999, 58.7035 by changing the saturation by 10% instead.

■ 34.3006, 30.3999,
58.7035

■ 34.3006, 30.3999,
58.7035

313.0327,
303.7641, 437.4735

■ 23.2886, 20.1423,
41.9560

■ 65.7420, 60.2940,
104.4715

■ 14.9286, 12.4985,
28.7416

■ 86.9022, 80.6994,
134.3291

■ 8.8553, 7.0842,
18.6415

■ 112.1758,
105.2561, 169.3938

■ 4.7033, 3.5148,
11.2373

141.9282,
134.3485, 210.0843

■ 2.1072, 1.4060,
6.1105

176.5247,
168.3612, 256.8189

■ 0.6931, 0.2212,
2.8425

216.3307,

■ 0.0000, 0.0000,

207.6784, 310.0163

1.0148

261.7116,
252.6846, 370.0950

■ 0.0000, 0.0000,
0.0000

■ 34.3006, 30.3999,
58.7035

■ 34.3006, 30.3999,
58.7035

■ 29.1155, 23.7764,
57.6988

■ 40.3047, 38.2355,
59.9000

■ 24.7087, 18.2990,
56.8738

■ 47.1601, 47.3373,
61.2955

■ 21.0402, 13.9011,
56.2183

■ 54.9007, 57.7602,
62.8993

■ 18.0650, 10.5075,
55.7201

■ 63.5578, 69.5550,
64.7197

■ 15.7324, 8.0326,
55.3653

■ 73.1612, 82.7699,
66.7643

■ 13.9839, 6.3761,
55.1377

■ 82.1218, 94.2160,
68.5013

■ 12.7174, 5.3518,
55.0068

■ 86.8162, 96.6361,
68.7210

■ 12.7173, 5.3517,
55.0068

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



29.6698, 30.3999, 65.5529



34.3006, 30.3999, 58.7035



37.7333, 30.3999, 45.1099

Triad

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



34.3006, 30.3999, 58.7035



32.8293, 30.3999, 14.9580



20.9014, 30.3999, 35.3512

Complementary

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



34.3006, 30.3999, 58.7035



44.2113, 52.9060, 32.6940

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.



21.5560, 30.3999, 23.4373



34.3006, 30.3999, 58.7035



28.1322, 30.3999, 13.6428

Square

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



34.3006, 30.3999, 58.7035



36.8223, 30.3999, 20.5365



24.0880, 30.3999, 16.2924



22.1945, 30.3999, 49.9616

Rectangle

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



34.3006, 30.3999, 58.7035



38.7004, 30.3999, 35.3940



24.0880, 30.3999, 16.2924



20.9025, 30.3999, 30.9080

Sweetspot

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



34.3016, 30.4011, 58.7042



82.7540, 83.4341, 106.3505



37.7654, 42.7943, 60.9138



17.3133, 17.3240, 22.6813



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.



34.3016, 30.4011, 58.7042



53.3793, 44.9282, 100.4664



40.7906, 33.7463, 59.0079



10.3843, 10.4564, 13.3885



8.1716, 3.4469, 34.9790



0.4641, 0.2030, 1.6599

Inverse Universe

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



41.4367, 34.3320, 47.6240



67.8817, 52.9291, 77.4450



38.1514, 49.7821, 32.4104



10.9270, 10.7542, 12.5988



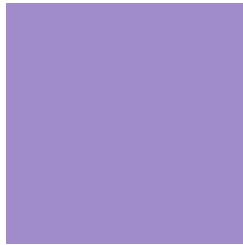
17.8949, 8.9075, 15.1882



0.8799, 0.4348, 0.8909

Previews

White Background



This preview shows how the XYZ color 34.3006, 30.3999, 58.7035 looks on a white background.

Color Contrast Check

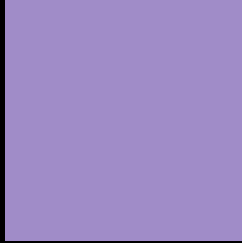
Large Text (above 18pt) WCAG AA × Fail

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 34.3006, 30.3999, 58.7035 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 34.3006, 30.3999, 58.7035

Background



This preview shows how black text looks on a background with the XYZ color 34.3006, 30.3999, 58.7035.



This preview shows how white text looks on a background with the XYZ color 34.3006, 30.3999,

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

34.3006, 30.3999, 58.7035

Protanopia

31.4033, 30.6226, 62.6481

Deuteranopia

31.2642, 30.6603, 57.6963



Tritanopia

29.9848, 30.4553, 37.0990

Trichromacy



Original Color

34.3006, 30.3999, 58.7035

Protanomaly

32.3522, 30.4501, 61.2990

Deuteranomaly

32.2883, 30.4853, 58.2153

Tritanomaly

31.4757, 30.3747, 44.2484

Monochromacy



Original Color

34.3006, 30.3999, 58.7035

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5559, 31.1500, 42.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3006, 30.3999, 58.7035 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(160, 140, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 140, 200)  
}
```

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(160, 140, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 140, 200) }
```

Border

The CSS property to change the border of an element to XYZ 34.3006, 30.3999, 58.7035 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(160, 140, 200) }
```


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

```
.border{ border-color:rgb(160, 140, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 140, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 140, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 140, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 140,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3006, 30.3999, 58.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 140, 200) }
```

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

```
.background{ background-color: rgb(160,  
140, 200) }
```

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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