

Converting Colors

XYZ(34.6842, 32.4593, 54.3971)

Have a look what the booklet for
XYZ(34.6842, 32.4593, 54.3971)
contains.

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Color

**XYZ(34.6015, 32.4592,
54.3107)**

Conversions

Conversions Part 1

Format	Color
Hex	A094C0
RGB	160, 148, 192
RGB Percent	63%, 58%, 75%
CMY	0.3725, 0.4196, 0.2471
CMYK	0.17, 0.23, 0.00, 0.25
HSL	256°, 26%, 67%
HSV	256°, 23%, 75%
XYZ	34.6015, 32.4592, 54.3107
YIQ	156.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

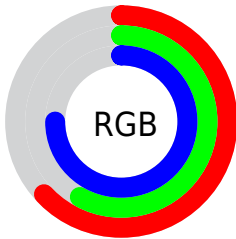
Format	Color
R_{YB}	160, 148, 192
Decimal	10523840
CIE _{Lab}	63.72, 13.39, -21.16
CIE _{LCh}	64, 25.046, 302.328
Yxy	32.4592, 0.2851, 0.2674
Android (android.graphics.Color)	4288713920 (0xFFA094C0)
YUV	156.6040, 17.4502, 2.9783
Hunter-Lab	56.9730, 8.7060, -16.6384

Details

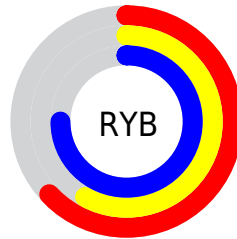
The XYZ color **34.6015, 32.4592, 54.3107** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.0185, 49.5415, 35.3137**, and the grayscale version is **31.7974, 33.4533, 36.4307**.

A 20% lighter version of the original color is **66.2437, 63.5277, 98.3932**, and **15.0465, 13.5725, 25.8715** is the 20% darker color. If you saturate the color by 10%, you get **29.1996, 25.5691, 53.2660**, and if you desaturate by 10%, it is **40.8186, 40.5127, 55.5380**.

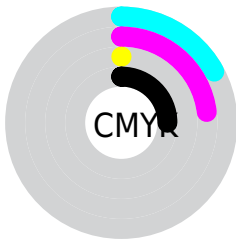
Distribution



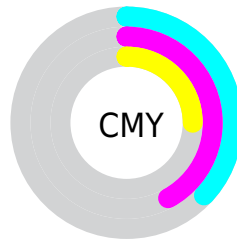
- Red (63%)
- Green (58%)
- Blue (75%)



- Red (63%)
- Yellow (58%)
- Blue (75%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6015, 32.4592, 54.3107 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 34.6015, 32.4592, 54.3107 by changing the saturation by 10% instead.

■ 34.6015, 32.4592,
54.3107

■ 34.6015, 32.4592,
54.3107

314.3448,
313.2058, 420.5018

■ 23.5211, 21.7125,
38.4553

■ 66.2061, 63.5303,
97.9913

■ 15.1016, 13.6458,
26.0316

■ 87.4610, 84.6234,
126.6535

■ 8.9775, 7.8747,
16.6213

112.8381,
109.9342, 160.4217

■ 4.7835, 4.0149,
9.8058

142.7029,
139.8469, 199.7145

■ 2.1542, 1.6819,
5.1665

177.4205,
174.7461, 244.9503

■ 0.7185, 0.4119,
2.2848

217.3565,

■ 0.0000, 0.0000,

215.0160, 296.5478

0.7227

262.8761,
261.0411, 354.9254

■ 0.0000, 0.0000,
0.0000

■ 34.6015, 32.4592,
54.3107

■ 34.6015, 32.4592,
54.3107

■ 29.1996, 25.5691,
53.2660

■ 40.8186, 40.5127,
55.5380

■ 24.5749, 19.7837,
52.3931

■ 47.8805, 49.7766,
56.9539

■ 20.6908, 15.0456,
51.6832

■ 55.8192, 60.2998,
58.5667

■ 17.5064, 11.2899,
51.1261

■ 64.6640, 72.1278,
60.3836

■ 14.9767, 8.4448,
50.7103

■ 74.4428, 85.3034,
62.4113

■ 13.0506, 6.4280,
50.4225

■ 82.5090, 94.5209,
63.7653

■ 11.6687, 5.1416,
50.2471

■ 86.5145, 96.5858,
63.9528

■ 10.9492, 4.5454,
50.1699

Harmonies

Analogous

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



31.1264, 32.4592, 58.3747



34.6015, 32.4592, 54.3107



37.2199, 32.4592, 45.0956

Triad

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



34.6015, 32.4592, 54.3107



34.0916, 32.4592, 20.8449



24.5900, 32.4592, 36.1332

Complementary

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



34.6015, 32.4592, 54.3107



43.0185, 49.5415, 35.3137

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.



25.2544, 32.4592, 27.1080



34.6015, 32.4592, 54.3107



30.5783, 32.4592, 19.3398

Square

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



34.6015, 32.4592, 54.3107



36.9102, 32.4592, 25.9848



27.3827, 32.4592, 21.4018



25.4950, 32.4592, 46.7138

Rectangle

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



34.6015, 32.4592, 54.3107



38.0317, 32.4592, 37.9850



27.3827, 32.4592, 21.4018



24.6372, 32.4592, 32.8256

Sweetspot

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



34.6025, 32.4605, 54.3114



81.1952, 82.8735, 102.0770



38.1034, 42.8530, 56.1329



17.2518, 17.5595, 21.8654



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.6025, 32.4605, 54.3114



58.0960, 52.9204, 97.5130



39.3339, 34.8996, 54.5328



9.7803, 9.8779, 12.6760



7.4327, 3.0921, 33.7617



0.3898, 0.1690, 1.4620

Inverse Universe

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



40.5675, 35.6830, 47.9310



70.6986, 59.7344, 83.7760



38.3491, 47.1344, 35.0952



10.3763, 10.1991, 12.0721



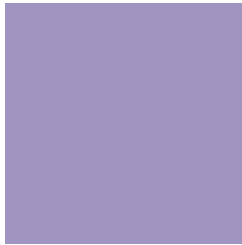
17.8291, 8.8214, 17.5438



0.7980, 0.3922, 0.9038

Previews

White Background



This preview shows how the XYZ color 34.6015, 32.4592, 54.3107 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 34.6015, 32.4592, 54.3107 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 34.6015, 32.4592, 54.3107

Background



This preview shows how black text looks on a background with the XYZ color 34.6015, 32.4592, 54.3107.



This preview shows how white text looks on a background with the XYZ color 34.6015, 32.4592,

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

34.6015, 32.4592, 54.3107

Protanopia

32.7432, 32.6519, 56.2065

Deuteranopia

33.0483, 32.3788, 53.7981



Tritanopia

31.7003, 32.4676, 40.1934

Trichromacy



Original Color

34.6015, 32.4592, 54.3107

Protanomaly

33.3819, 32.5123, 55.5550

Deuteranomaly

33.6367, 32.4443, 53.7797

Tritanomaly

32.7091, 32.3965, 45.0866

Monochromacy



Original Color

34.6015, 32.4592, 54.3107

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9119, 33.2826, 42.7197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6015, 32.4592, 54.3107 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, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(160, 148, 192)  
}
```

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, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 148, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.6015, 32.4592, 54.3107 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, 148, 192) }
```


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

```
.border{ border-color:rgb(160, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(160, 148,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6015, 32.4592, 54.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 148, 192) }
```

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

```
.background{ background-color: rgb(160,  
148, 192) }
```

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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