

Converting Colors

XYZ(34.8817, 32.4332, 55.4746)

Have a look what the booklet for
XYZ(34.8817, 32.4332, 55.4746)
contains.

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Color

**XYZ(34.8693, 32.3395,
55.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	A193C2
RGB	161, 147, 194
RGB Percent	63%, 58%, 76%
CMY	0.3686, 0.4235, 0.2392
CMYK	0.17, 0.24, 0.00, 0.24
HSL	258°, 28%, 67%
HSV	258°, 24%, 76%
XYZ	34.8693, 32.3395, 55.4433
YIQ	156.5440, -6.7430, 17.5850

Conversions

Conversions Part 2

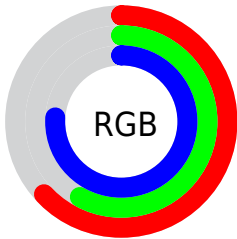
Format	Color
R_{YB}	161, 147, 194
Decimal	10589122
CIE _{Lab}	63.62, 14.74, -22.43
CIE _{LCh}	64, 26.835, 303.305
Yxy	32.3395, 0.2843, 0.2637
Android (android.graphics.Color)	4288779202 (0xFFA193C2)
YUV	156.5440, 18.4658, 3.9079
Hunter-Lab	56.8678, 9.9311, -17.9973

Details

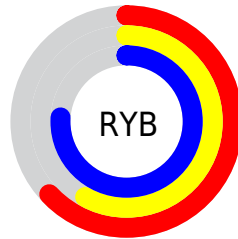
The XYZ color **34.8693, 32.3395, 55.4433** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3815, 50.3942, 35.0457**, and the grayscale version is **31.7660, 33.4203, 36.3947**.

A 20% lighter version of the original color is **66.6181, 63.3373, 99.9809**, and **15.2232, 13.5104, 26.6164** is the 20% darker color. If you saturate the color by 10%, you get **29.5063, 25.4684, 54.4002**, and if you desaturate by 10%, it is **41.0422, 40.3849, 56.6714**.

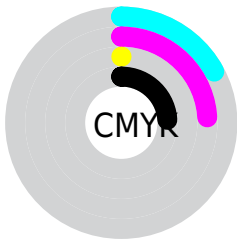
Distribution



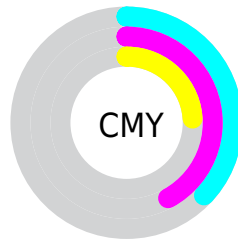
- Red (63%)
- Green (58%)
- Blue (76%)



- Red (63%)
- Yellow (58%)
- Blue (76%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8693, 32.3395, 55.4433 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 34.8693, 32.3395, 55.4433 by changing the saturation by 10% instead.

■ 34.8693, 32.3395,
55.4433

■ 34.8693, 32.3395,
55.4433

315.5092,
312.6629, 424.9194

■ 23.7283, 21.6209,
39.3558

■ 66.6186, 63.3429,
99.6678

■ 15.2558, 13.5786,
26.7266

■ 87.9576, 84.3966,
128.6419

■ 9.0866, 7.8282,
17.1374

113.4266,
109.6641, 162.7485

■ 4.8553, 3.9852,
10.1695

143.3909,
139.5298, 202.4063

■ 2.1965, 1.6653,
5.4044

178.2160,
174.3782, 248.0337

■ 0.7409, 0.4010,
2.4236

218.2672,

■ 0.0000, 0.0000,

214.5936, 300.0493

0.7992

263.9098,
260.5603, 358.8717

■ 0.0000, 0.0000,
0.0000

■ 34.8693, 32.3395,
55.4433

■ 34.8693, 32.3395,
55.4433

■ 29.5063, 25.4684,
54.4002

■ 41.0422, 40.3849,
56.6714

■ 24.9149, 19.7117,
53.5311

■ 48.0547, 49.6526,
58.0907

■ 21.0586, 15.0100,
52.8268

■ 55.9388, 60.1931,
59.7096

■ 17.8961, 11.2970,
52.2768

■ 64.7238, 72.0525,
61.5357

■ 15.3820, 8.4982,
51.8691

■ 74.4376, 85.2747,
63.5759

■ 13.4646, 6.5285,
51.5899

■ 82.3671, 94.4219,
64.9235

■ 12.0831, 5.2853,
51.4228

■ 86.7377, 96.6751,
65.1281

■ 11.4702, 4.7882,
51.3592

Harmonies

Analogous

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



31.1553, 32.3395, 60.1123



34.8693, 32.3395, 55.4433



37.6399, 32.3395, 45.3272

Triad

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



34.8693, 32.3395, 55.4433



34.0919, 32.3395, 19.7979



24.0867, 32.3395, 36.4163

Complementary

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



34.8693, 32.3395, 55.4433



43.3815, 50.3942, 35.0457

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.



24.7355, 32.3395, 26.7264



34.8693, 32.3395, 55.4433



30.3239, 32.3395, 18.3584

Square

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



34.8693, 32.3395, 55.4433



37.1661, 32.3395, 25.0470



26.9461, 32.3395, 20.6201



25.0969, 32.3395, 47.8116

Rectangle

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



34.8693, 32.3395, 55.4433



38.4693, 32.3395, 37.6748



26.9461, 32.3395, 20.6201



24.1184, 32.3395, 32.8594

Sweetspot

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



34.8703, 32.3408, 55.4440



83.2366, 84.8794, 104.4661



38.2308, 43.0182, 57.3278



18.0525, 18.3553, 22.8414



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.



34.8703, 32.3408, 55.4440



57.9102, 51.8171, 99.4193



39.8955, 34.9314, 55.6792



9.8041, 9.8901, 12.6771



7.6142, 3.1857, 33.7702



0.4002, 0.1744, 1.4624

Inverse Universe

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



40.9210, 35.6333, 47.9021



70.8496, 58.8652, 82.9651



38.4997, 47.8775, 34.8172



10.3653, 10.1947, 12.0144



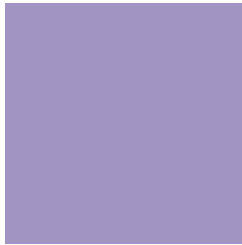
17.5968, 8.7285, 16.3204



0.7894, 0.3888, 0.8586

Previews

White Background



This preview shows how the XYZ color 34.8693, 32.3395, 55.4433 looks on a white background.

Color Contrast Check

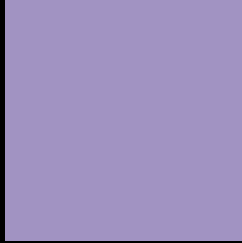
Large Text (above 18pt) WCAG AA × Fail

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 34.8693, 32.3395, 55.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

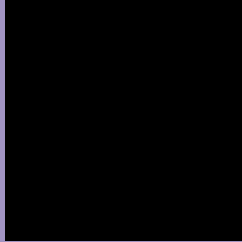
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8693, 32.3395, 55.4433

Background



This preview shows how black text looks on a background with the XYZ color 34.8693, 32.3395, 55.4433.



This preview shows how white text looks on a background with the XYZ color 34.8693, 32.3395,

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

34.8693, 32.3395, 55.4433

Protanopia

32.5766, 32.2845, 57.9406

Deuteranopia

33.0867, 32.3730, 54.9568



Tritanopia

31.6394, 32.2047, 39.6705

Trichromacy



Original Color

34.8693, 32.3395, 55.4433

Protanomaly

33.3788, 32.2335, 57.2858

Deuteranomaly

33.6689, 32.4353, 54.9382

Tritanomaly

32.7448, 32.1769, 45.0424

Monochromacy



Original Color

34.8693, 32.3395, 55.4433

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7475, 32.9538, 42.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8693, 32.3395, 55.4433 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(161, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 194)  
}
```

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(161, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 194) }
```

Border

The CSS property to change the border of an element to XYZ 34.8693, 32.3395, 55.4433 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(161, 147, 194) }
```


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

```
.border{ border-color:rgb(161, 147, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 147, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 147,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8693, 32.3395, 55.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 194) }
```

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

```
.background{ background-color: rgb(161,  
147, 194) }
```

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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