

Converting Colors

XYZ(34.6044, 50.9989, 39.2231)

Have a look what the booklet for
XYZ(34.6044, 50.9989, 39.2231)
contains.

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Color

**XYZ(34.5426, 50.9707,
39.0281)**

Conversions

Conversions Part 1

Format	Color
Hex	69D19B
RGB	105, 209, 155
RGB Percent	41%, 82%, 61%
CMY	0.5882, 0.1804, 0.3921
CMYK	0.50, 0.00, 0.26, 0.18
HSL	149°, 53%, 62%
HSV	149°, 50%, 82%
XYZ	34.5426, 50.9707, 39.0281
YIQ	171.7480, -44.6500, -38.8420

Conversions

Conversions Part 2

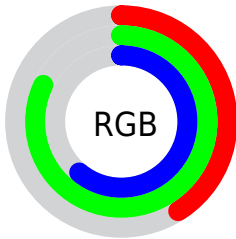
Format	Color
RYB	105, 175, 209
Decimal	6934939
CIELab	76.66, -42.59, 17.69
CIELCh	77, 46.116, 157.442
Yxy	50.9707, 0.2774, 0.4093
Android (android.graphics.Color)	4285125019 (0xFF69D19B)
YUV	171.7480, -8.2568, -58.5380
Hunter-Lab	71.3938, -38.5751, 17.5642

Details

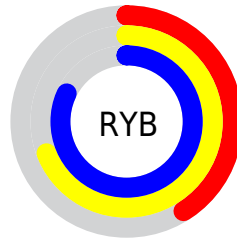
The XYZ color **34.5426, 50.9707, 39.0281** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.6058, 26.1630, 35.8709**, and the grayscale version is **39.1430, 41.1815, 44.8467**.

A 20% lighter version of the original color is **62.2931, 83.8545, 73.8751**, and **15.1365, 24.6686, 17.0604** is the 20% darker color. If you saturate the color by 10%, you get **31.5122, 49.5105, 34.3411**, and if you desaturate by 10%, it is **38.2609, 52.7788, 44.1771**.

Distribution



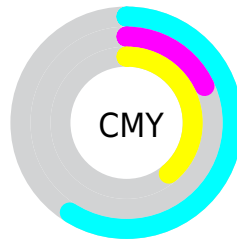
- Red (41%)
- Green (82%)
- Blue (61%)



- Red (41%)
- Yellow (69%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)




- Cyan (59%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5426, 50.9707, 39.0281 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 34.5426, 50.9707, 39.0281 by changing the saturation by 10% instead.

 34.5426, 50.9707,
39.0281


 34.5426, 50.9707,
39.0281


314.0883,
390.4499, 357.4395


 23.4756, 36.1853,
26.4736


 66.1153, 91.6115,
74.9021


 15.0677, 24.5773,
16.9493


 87.3517, 118.2356,
99.0586

 8.9535, 15.7624,
10.0368


 112.7086,
149.5748, 127.9195

 4.7678, 9.3562,
5.3174

 142.5514,
186.0134, 161.9034

 2.1450, 4.9742,
2.3727

177.2454,
227.9358, 201.4288

 0.7135, 2.2322,
0.7715

217.1559,

 0.0000, 0.7374,

275.7264, 246.9143

0.0000

262.6485,
329.7697, 298.7783

■ 0.0000, 0.0000,
0.0000

■ 34.5426, 50.9707,
39.0281

■ 34.5426, 50.9707,
39.0281

■ 31.5122, 49.5105,
34.3411

■ 38.2609, 52.7788,
44.1771

■ 29.1184, 48.3678,
30.0993

■ 42.7054, 54.9503,
49.7975

■ 27.3091, 47.5175,
26.2896


■ 47.9165, 57.5069,
55.9026


■ 26.0212, 46.9274,
22.8969


■ 53.9302, 60.4672,
62.5042


■ 25.1439, 46.5404,
19.9032


■ 60.7802, 63.8483,
69.6135

 25.1249, 46.5321,
19.8361

 68.4983, 67.6663,
77.2415

 77.1146, 71.9365,
85.3988

 80.0415, 73.2628,
93.7860

 81.7190, 73.9338,
102.6196

Harmonies

Analogous

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



38.9433, 50.9707, 25.4176



34.5426, 50.9707, 39.0281



33.6387, 50.9707, 61.9591

Triad

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



34.5426, 50.9707, 39.0281



50.6524, 50.9707, 118.0948



63.0285, 50.9707, 31.1076

Complementary

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



34.5426, 50.9707, 39.0281



37.6058, 26.1630, 35.8709

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.



67.0637, 50.9707, 49.5033



34.5426, 50.9707, 39.0281



59.3813, 50.9707, 103.0696

Square

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



34.5426, 50.9707, 39.0281



42.2896, 50.9707, 112.7639



65.6545, 50.9707, 76.0518



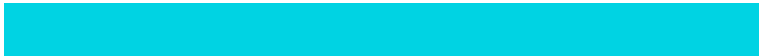
55.1730, 50.9707, 21.8954

Rectangle

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



34.5426, 50.9707, 39.0281



35.0272, 50.9707, 80.7240



65.6545, 50.9707, 76.0518



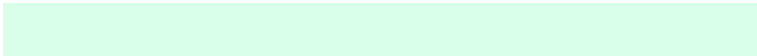
64.9172, 50.9707, 36.1656

Sweetspot

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



34.5440, 50.9728, 39.0293



79.3165, 92.2396, 92.3261



39.9427, 54.1448, 21.7112



16.5553, 19.5356, 19.2944



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.



34.5440, 50.9728, 39.0293



49.0321, 77.4618, 53.2115



39.7118, 53.0399, 66.2427



11.8896, 13.2996, 13.7752



15.5400, 28.7089, 12.4895



0.9089, 1.6212, 0.9090

Inverse Universe

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



37.6058, 26.1630, 35.8709



54.3775, 34.1172, 47.6748



34.0792, 24.7523, 17.3003



12.0614, 11.9093, 13.5991



17.9486, 9.0523, 9.9016



1.0436, 0.5221, 0.7643

Previews

White Background



This preview shows how the XYZ color 34.5426, 50.9707, 39.0281 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 34.5426, 50.9707, 39.0281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

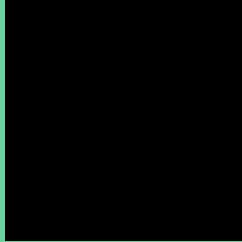
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5426, 50.9707, 39.0281

Background



This preview shows how black text looks on a background with the XYZ color 34.5426, 50.9707, 39.0281.



This preview shows how white text looks on a background with the XYZ color 34.5426, 50.9707,

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

34.5426, 50.9707, 39.0281

Protanopia

47.1814, 50.4283, 34.0350

Deuteranopia

51.2758, 50.2199, 40.7091



Tritanopia

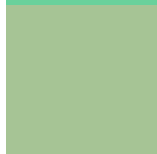
41.4371, 50.9206, 73.2903

Trichromacy



Original Color

34.5426, 50.9707, 39.0281



Protanomaly

40.8906, 49.7568, 35.8826



Deuteranomaly

42.7933, 48.9949, 40.0024



Tritanomaly

38.5329, 50.7938, 58.8122

Monochromacy



Original Color

34.5426, 50.9707, 39.0281



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

36.4446, 43.7470, 42.5996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5426, 50.9707, 39.0281 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(105, 209, 155)` looks like.

```
.text, #text, p{  
    color:rgb(105, 209, 155)  
}
```

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(105, 209, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 209, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.5426, 50.9707, 39.0281 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(105, 209, 155) }
```


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

```
.border{ border-color:rgb(105, 209, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 209, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 209, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 209, 155); box-shadow:4px 4px 4px 4px rgb(105, 209, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5426, 50.9707, 39.0281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 209, 155) }
```

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

```
.background{ background-color: rgb(105,  
209, 155) }
```

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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