

Converting Colors

XYZ(34.5330, 39.1457, 62.1640)

Have a look what the booklet for
XYZ(34.5330, 39.1457, 62.1640)
contains.

XYZ(34.5197, 39.0195, 62.2120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5197, 39.0195,
62.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAECEB
RGB	126, 174, 203
RGB Percent	49%, 68%, 80%
CMY	0.5059, 0.3176, 0.2039
CMYK	0.38, 0.14, 0.00, 0.20
HSL	203°, 43%, 65%
HSV	203°, 38%, 80%
XYZ	34.5197, 39.0195, 62.2120
YIQ	162.9540, -37.9170, -1.1570

Conversions

Conversions Part 2

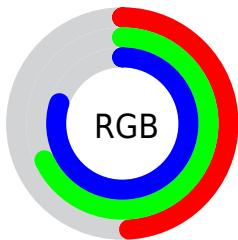
Format	Color
RYB	126, 156, 203
Decimal	8302283
CIELab	68.77, -8.63, -19.81
CIELCh	69, 21.611, 246.456
Yxy	39.0195, 0.2543, 0.2874
Android (android.graphics.Color)	4286492363 (0xFF7EAECB)
YUV	162.9540, 19.7427, -32.4087
Hunter-Lab	62.4656, -10.6722, -15.3234

Details

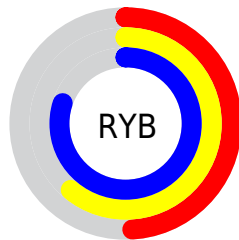
The XYZ color **34.5197, 39.0195, 62.2120** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.1165, 37.6462, 24.8918**, and the grayscale version is **34.7147, 36.5225, 39.7730**.

A 20% lighter version of the original color is **65.1254, 73.0824, 105.2816**, and **15.1320, 17.5055, 31.0151** is the 20% darker color. If you saturate the color by 10%, you get **30.3896, 34.7606, 61.6083**, and if you desaturate by 10%, it is **39.3437, 43.7627, 62.8740**.

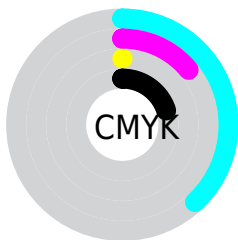
Distribution



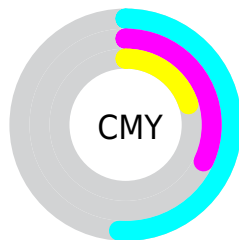
- Red (49%)
- Green (68%)
- Blue (80%)



- Red (49%)
- Yellow (61%)
- Blue (80%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5197, 39.0195, 62.2120 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 34.5197, 39.0195, 62.2120 by changing the saturation by 10% instead.

■ 34.5197, 39.0195,
62.2120

■ 34.5197, 39.0195,
62.2120

313.9885,
341.9734, 450.7330

■ 23.4579, 26.7749,
44.7671

■ 66.0800, 73.6681,
109.6064

■ 15.0545, 17.4042,
30.9324

■ 87.3092, 96.8409,
140.3931

■ 8.9442, 10.5231,
20.2894

■ 112.6582,
124.4252, 176.4641

■ 4.7616, 5.7472,
12.4194

142.4924,
156.8054, 218.2379

■ 2.1414, 2.6920,
6.9040

177.1772,
194.3660, 266.1332

■ 0.7116, 0.9731,
3.3246

217.0779,

■ 0.0000, 0.0000,

237.4912, 320.5684

1.2627

262.5599,
286.5656, 381.9622

■ 0.0000, 0.0000,
0.0309

■ 0.0000, 0.0000,
0.0000

■ 34.5197, 39.0195,
62.2120

■ 34.5197, 39.0195,
62.2120

■ 30.3896, 34.7606,
61.6083

■ 39.3437, 43.7627,
62.8740

■ 26.9114, 30.9597,
61.0580

■ 44.8931, 49.0058,
63.5935

■ 24.0439, 27.5942,
60.5595

■ 51.2019, 54.7691,
64.3734

■ 21.7391, 24.6373,
60.1102

■ 58.3006, 61.0704,
65.2155

■ 19.9412, 22.0579,
59.7071

■ 66.2181, 67.9263,
66.1216

■ 18.5686, 19.8118,
59.3459

■ 74.9817, 75.3528,
67.0931

■ 18.3109, 19.3744,
59.2751

■ 79.6310, 80.7945,
67.8985

■ 81.7751, 85.0827,
68.6132

■ 84.0133, 89.5591,
69.3592

Harmonies

Analogous

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



32.0416, 39.0195, 54.6975



34.5197, 39.0195, 62.2120



37.8317, 39.0195, 64.0999

Triad

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



34.5197, 39.0195, 62.2120



44.0179, 39.0195, 40.4015



33.3123, 39.0195, 29.0579

Complementary

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



34.5197, 39.0195, 62.2120



40.1165, 37.6462, 24.8918

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.



36.3518, 39.0195, 26.3748



34.5197, 39.0195, 62.2120



42.6358, 39.0195, 32.2417

Square

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



34.5197, 39.0195, 62.2120



43.4530, 39.0195, 50.4677



39.7783, 39.0195, 27.4438



31.3750, 39.0195, 35.3929

Rectangle

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



34.5197, 39.0195, 62.2120



40.0967, 39.0195, 61.6915



39.7783, 39.0195, 27.4438



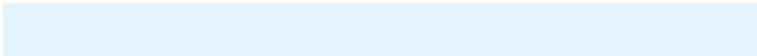
34.2316, 39.0195, 27.7473

Sweetspot

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



34.5209, 39.0210, 62.2129



82.1949, 88.5069, 107.3592



35.8132, 49.4892, 38.3397



17.2783, 18.6575, 22.9405



0.0000, 0.0000, 0.0000



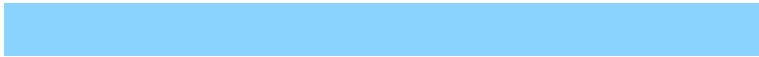
20.3446, 21.4041, 23.3091

Same Dimension

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



34.5209, 39.0210, 62.2129



51.7322, 59.0988, 103.2884



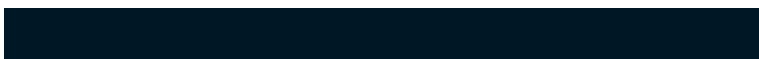
28.2265, 26.4321, 60.1148



11.1745, 11.9894, 14.2956



11.7429, 12.5097, 37.7520



0.6773, 0.7884, 1.9714

Inverse Universe

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



39.7304, 30.6753, 43.8729



62.0213, 44.0453, 66.7451



47.4063, 52.2258, 27.3218



11.5014, 11.3293, 13.1752



18.1382, 9.0659, 13.7122



0.9718, 0.4821, 0.8976

Previews

White Background



This preview shows how the XYZ color 34.5197, 39.0195, 62.2120 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 34.5197, 39.0195, 62.2120 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

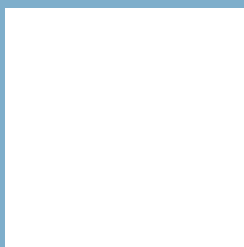
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5197, 39.0195, 62.2120

Background



This preview shows how black text looks on a background with the XYZ color 34.5197, 39.0195, 62.2120.



This preview shows how white text looks on a background with the XYZ color 34.5197, 39.0195,

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

34.5197, 39.0195, 62.2120

Protanopia

38.4122, 38.8807, 58.3035

Deuteranopia

39.6047, 38.8512, 63.1692



Tritanopia

32.9880, 38.9793, 54.5003

Trichromacy



Original Color

34.5197, 39.0195, 62.2120

Protanomaly

36.7095, 38.7954, 59.5863

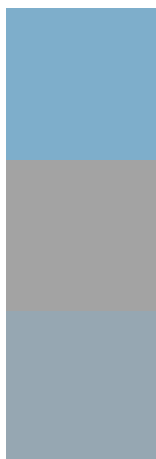
Deuteranomaly

37.4794, 38.8489, 62.6500

Tritanomaly

33.4925, 38.8852, 57.3701

Monochromacy



Original Color

34.5197, 39.0195, 62.2120

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4323, 37.3358, 47.5112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5197, 39.0195, 62.2120 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(126, 174, 203)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 203)  
}
```

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(126, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 203) }
```

Border

The CSS property to change the border of an element to XYZ 34.5197, 39.0195, 62.2120 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(126, 174, 203) }
```


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

```
.border{ border-color:rgb(126, 174, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 174, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(126, 174,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5197, 39.0195, 62.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 203) }
```

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

```
.background{ background-color: rgb(126,  
174, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor