

Converting Colors

XYZ(39.1357, 60.1828, 62.3243)

Have a look what the booklet for
XYZ(39.1357, 60.1828, 62.3243)
contains.

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Color

**XYZ(39.1368, 60.1961,
62.3796)**

Conversions

Conversions Part 1

Format	Color
Hex	32E4C5
RGB	50, 228, 197
RGB Percent	20%, 89%, 77%
CMY	0.8039, 0.1059, 0.2274
CMYK	0.78, 0.00, 0.14, 0.11
HSL	170°, 77%, 55%
HSV	170°, 78%, 89%
XYZ	39.1368, 60.1961, 62.3796
YIQ	171.2440, -96.1370, -47.3770

Conversions

Conversions Part 2

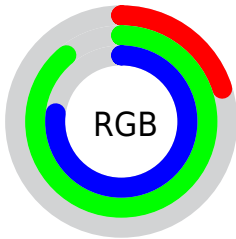
Format	Color
RYB	50, 147, 228
Decimal	3335365
CIELab	81.94, -50.20, 2.76
CIELCh	82, 50.272, 176.851
Yxy	60.1961, 0.2420, 0.3722
Android (android.graphics.Color)	4281525445 (0xFF32E4C5)
YUV	171.2440, 12.6977, -106.3310
Hunter-Lab	77.5861, -45.7350, 6.6409

Details

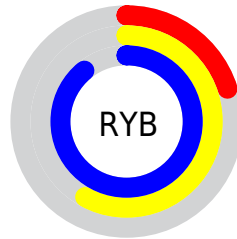
The XYZ color **39.1368, 60.1961, 62.3796** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **34.6227, 19.3709, 9.7010**, and the grayscale version is **38.8063, 40.8273, 44.4609**.

A 20% lighter version of the original color is **62.1068, 83.0357, 106.5201**, and **19.7104, 31.4882, 31.0256** is the 20% darker color. If you saturate the color by 10%, you get **37.8310, 59.5763, 59.9754**, and if you desaturate by 10%, it is **41.0171, 61.1136, 64.8760**.

Distribution



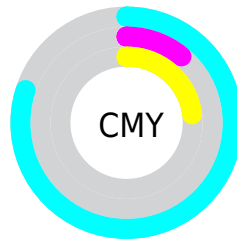
- Red (20%)
- Green (89%)
- Blue (77%)



- Red (20%)
- Yellow (58%)
- Blue (89%)



- Cyan (78%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (80%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1368, 60.1961, 62.3796 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 39.1368, 60.1961, 62.3796 by changing the saturation by 10% instead.


 39.1368, 60.1961,
62.3796


 39.1368, 60.1961,
62.3796


333.6689,
425.3202, 451.3602


 27.0474, 43.5767,
44.9017


 73.1400, 105.1141,
109.8509


 17.7456, 30.3379,
31.0376


 95.7845, 134.1815,
140.6814


 10.8661, 20.0952,
20.3688


 122.6780,
168.1670, 176.7998

 6.0435, 12.4643,
12.4767

 154.1859,
207.4550, 218.6247

 2.9124, 7.0607,
6.9427

 190.6736,
252.4300, 266.5747

 1.1076, 3.5001,
3.3484

232.5065,

 0.0315, 1.3980,

303.4762, 321.0683

1.2752

280.0498,
360.9782, 382.5239

■ 0.0000, 0.2153,
0.0413

■ 0.0000, 0.0000,
0.0000

■ 39.1368, 60.1961,
62.3796

■ 39.1368, 60.1961,
62.3796

■ 37.8310, 59.5763,
59.9754

■ 41.0171, 61.1136,
64.8760


■ 36.9913, 59.1939,
57.6538


■ 43.5401, 62.3596,
67.4641

■ 36.8529, 59.1322,
57.2131


■ 46.7697, 63.9684,
70.1488


■ 50.7607, 65.9684,
72.9332

 55.5626, 68.3849,
75.8199

 61.2203, 71.2412,
78.8116

 67.7759, 74.5589,
81.9106

 75.2682, 78.3581,
85.1192

 83.6556, 82.6173,
88.4359

Harmonies

Analogous

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



41.7515, 60.1961, 38.4624



39.1368, 60.1961, 62.3796



40.8479, 60.1961, 95.6960

Triad

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



39.1368, 60.1961, 62.3796



66.9515, 60.1961, 132.8671



69.1347, 60.1961, 27.7348

Complementary

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



39.1368, 60.1961, 62.3796



34.6227, 19.3709, 9.7010

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.



77.4559, 60.1961, 42.5004



39.1368, 60.1961, 62.3796



76.0898, 60.1961, 103.0455

Square

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



39.1368, 60.1961, 62.3796



56.0990, 60.1961, 143.0851



80.1453, 60.1961, 68.8122



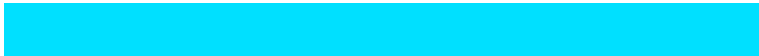
58.3449, 60.1961, 22.7478

Rectangle

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



39.1368, 60.1961, 62.3796



44.3437, 60.1961, 118.1961



80.1453, 60.1961, 68.8122



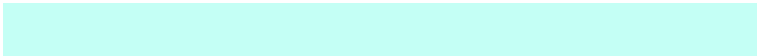
72.3622, 60.1961, 31.4411

Sweetspot

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



39.1385, 60.1984, 62.3810



75.0647, 89.8822, 99.6067



31.8561, 57.5419, 12.4465



15.5163, 18.9607, 21.0219



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.



39.1385, 60.1984, 62.3810



48.0040, 76.4409, 75.3422



30.0039, 35.6478, 78.7007



14.6940, 16.2910, 17.9195



21.3188, 34.1596, 33.2426



1.6038, 2.5357, 2.6064

Inverse Universe

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



34.6227, 19.3709, 9.7010



42.1548, 21.9061, 5.8839



37.7647, 27.1104, 6.2612



14.4789, 14.4088, 15.4565



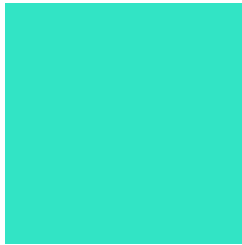
18.7236, 9.6236, 2.1733



1.4139, 0.7233, 0.3202

Previews

White Background



This preview shows how the XYZ color 39.1368, 60.1961, 62.3796 looks on a white background.

Color Contrast Check

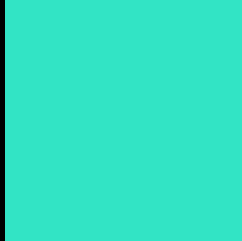
Large Text (above 18pt) WCAG AA × Fail

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 39.1368, 60.1961, 62.3796 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

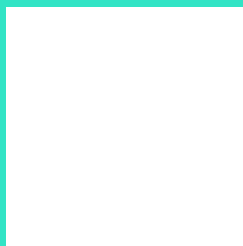
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1368, 60.1961, 62.3796

Background



This preview shows how black text looks on a background with the XYZ color 39.1368, 60.1961, 62.3796.



This preview shows how white text looks on a background with the XYZ color 39.1368, 60.1961,

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

39.1368, 60.1961, 62.3796

Protanopia

56.0122, 58.8938, 53.2152

Deuteranopia

60.1542, 59.0551, 65.3551



Tritanopia

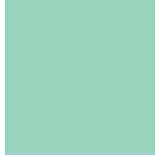
44.9100, 60.1116, 91.6738

Trichromacy



Original Color

39.1368, 60.1961, 62.3796



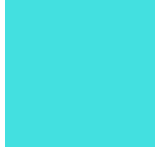
Protanomaly

45.3203, 56.8948, 56.1701



Deuteranomaly

47.1990, 56.5979, 63.6952



Tritanomaly

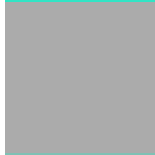
42.4249, 59.8864, 79.8442

Monochromacy



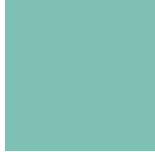
Original Color

39.1368, 60.1961, 62.3796



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

35.8403, 45.5066, 50.0747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1368, 60.1961, 62.3796 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(50, 228, 197)` looks like.

```
.text, #text, p{  
    color:rgb(50, 228, 197)  
}
```

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(50, 228, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 228, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.1368, 60.1961, 62.3796 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(50, 228, 197) }
```


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

```
.border{ border-color:rgb(50, 228, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 228, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(50, 228,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1368, 60.1961, 62.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 228, 197) }
```

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

```
.background{ background-color: rgb(50, 228,  
197) }
```

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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