

Converting Colors

XYZ(39.6571, 62.1301, 62.1267)

Have a look what the booklet for
XYZ(39.6571, 62.1301, 62.1267)
contains.

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Color

**XYZ(39.6571, 62.1301,
62.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	27E8C4
RGB	39, 232, 196
RGB Percent	15%, 91%, 77%
CMY	0.8470, 0.0902, 0.2314
CMYK	0.83, 0.00, 0.16, 0.09
HSL	169°, 81%, 53%
HSV	169°, 83%, 91%
XYZ	39.6571, 62.1301, 62.1267
YIQ	170.1890, -103.4720, -52.1120

Conversions

Conversions Part 2

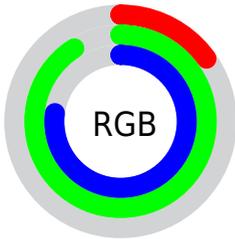
Format	Color
RYB	39, 145, 232
Decimal	2615492
CIELab	82.98, -53.03, 4.78
CIELCh	83, 53.243, 174.853
Yxy	62.1301, 0.2419, 0.3790
Android (android.graphics.Color)	4280805572 (0xFF27E8C4)
YUV	170.1890, 12.7248, -115.0528
Hunter-Lab	78.8226, -48.1331, 8.4445

Details

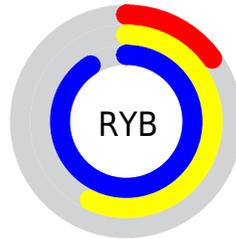
The XYZ color **39.6571, 62.1301, 62.1267** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **35.2764, 19.1165, 8.4898**, and the grayscale version is **38.2809, 40.2745, 43.8589**.

A 20% lighter version of the original color is **61.3748, 82.6768, 105.6519**, and **20.2125, 32.6129, 30.8208** is the 20% darker color. If you saturate the color by 10%, you get **38.5465, 61.6151, 59.5412**, and if you desaturate by 10%, it is **41.3216, 62.9319, 64.8151**.

Distribution



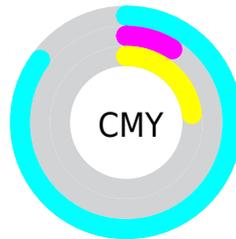
- Red (15%)
- Green (91%)
- Blue (77%)



- Red (15%)
- Yellow (57%)
- Blue (91%)



- Cyan (83%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (85%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6571, 62.1301, 62.1267 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 39.6571, 62.1301, 62.1267 by changing the saturation by 10% instead.

 39.6571, 62.1301,
62.1267

 39.6571, 62.1301,
62.1267

335.8354,
432.4055, 450.4135

 27.4543, 45.1378,
44.6986

 73.9287, 107.9135,
109.4820

 18.0531, 31.5660,
30.8789

 96.7283, 137.4735,
140.2463

 11.0880, 21.0302,
20.2490

 123.7908,
171.9915, 176.2931

 6.1938, 13.1461,
12.3903

 155.4817,
211.8519, 218.0410

 3.0051, 7.5292,
6.8843

 192.1662,
257.4391, 265.9084

 1.1564, 3.7952,
3.3125

234.2098,

 0.0716, 1.5597,

309.1375, 320.3139

1.2563

281.9777,
367.3315, 381.6761

■ 0.0000, 0.3302,
0.0256

■ 0.0000, 0.0000,
0.0000

■ 39.6571, 62.1301,
62.1267

■ 39.6571, 62.1301,
62.1267

■ 38.5465, 61.6151,
59.5412

■ 41.3216, 62.9319,
64.8151

■ 38.0130, 61.3775,
57.8308

■ 43.6198, 64.0573,
67.6065

■ 46.6238, 65.5448,
70.5064

■ 50.3945, 67.4259,
73.5182

■ 54.9861, 69.7285,
76.6449

■ 60.4479, 72.4780,
79.8896

■ 66.8252, 75.6978,
83.2548

■ 74.1603, 79.4096,
86.7432

■ 82.4926, 83.6336,
90.3571

Harmonies

Analogous

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



42.7573, 62.1301, 37.3541



39.6571, 62.1301, 62.1267



41.1779, 62.1301, 97.9026

Triad

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



39.6571, 62.1301, 62.1267



68.8407, 62.1301, 142.9004



72.7161, 62.1301, 27.9609

Complementary

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



39.6571, 62.1301, 62.1267



35.2764, 19.1165, 8.4898

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.



81.4708, 62.1301, 44.3745



39.6571, 62.1301, 62.1267



79.0376, 62.1301, 111.0368

Square

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



39.6571, 62.1301, 62.1267



57.0917, 62.1301, 152.3343



83.9220, 62.1301, 73.4895



61.0583, 62.1301, 22.1533

Rectangle

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



39.6571, 62.1301, 62.1267



44.7256, 62.1301, 122.8526



83.9220, 62.1301, 73.4895



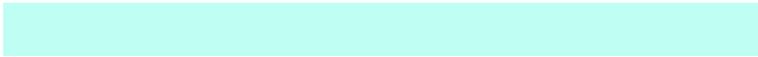
76.1531, 62.1301, 32.0981

Sweetspot

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



39.6589, 62.1325, 62.1282



73.5027, 89.1064, 98.2045



32.3342, 59.4652, 11.6943



15.2103, 18.8094, 20.7144



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.



39.6589, 62.1325, 62.1282



47.0752, 76.0461, 71.5050



30.5598, 36.5712, 81.7950



14.6861, 16.2879, 17.8776



21.1464, 34.0907, 32.3352



1.5926, 2.5312, 2.5472

Inverse Universe

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



35.2764, 19.1165, 8.4898



41.7647, 21.4699, 4.6928



37.9127, 25.8358, 4.9092



14.4863, 14.4117, 15.4951



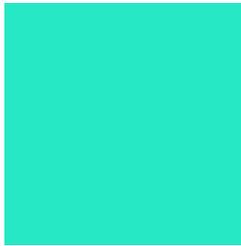
18.7538, 9.6357, 2.3323



1.4174, 0.7247, 0.3384

Previews

White Background



This preview shows how the XYZ color 39.6571, 62.1301, 62.1267 looks on a white background.

Color Contrast Check

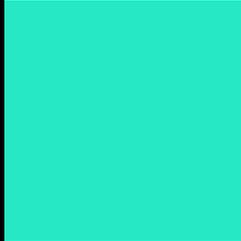
Large Text (above 18pt) WCAG AA × Fail

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 39.6571, 62.1301, 62.1267 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

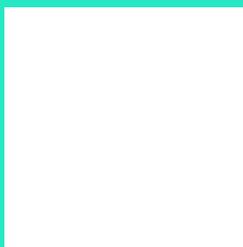
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6571, 62.1301, 62.1267

Background



This preview shows how black text looks on a background with the XYZ color 39.6571, 62.1301, 62.1267.

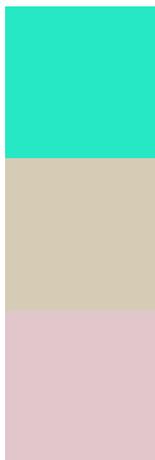


This preview shows how white text looks on a background with the XYZ color 39.6571, 62.1301,

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

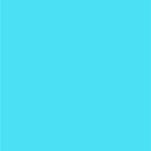
39.6571, 62.1301, 62.1267

Protanopia

57.6649, 60.8181, 52.4159

Deuteranopia

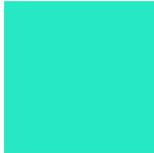
62.0249, 60.7075, 64.9486



Tritanopia

46.0784, 61.8379, 95.0953

Trichromacy



Original Color

39.6571, 62.1301, 62.1267



Protanomaly

45.4872, 58.1223, 55.2757



Deuteranomaly

47.3765, 57.4314, 63.2319



Tritanomaly

43.5330, 62.0250, 82.3506

Monochromacy



Original Color

39.6571, 62.1301, 62.1267



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

35.2327, 45.5322, 49.5795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6571, 62.1301, 62.1267 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(39, 232, 196)` looks like.

```
.text, #text, p{  
    color:rgb(39, 232, 196)  
}
```

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(39, 232, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 232, 196) }
```

Border

The CSS property to change the border of an element to XYZ 39.6571, 62.1301, 62.1267 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(39, 232, 196) }
```

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

```
.border{ border-color:rgb(39, 232, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 232, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 232, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 232, 196);  
box-shadow:4px 4px 4px 4px rgb(39, 232,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6571, 62.1301, 62.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 232, 196) }
```

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

```
.background{ background-color: rgb(39, 232,  
196) }
```

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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