

Converting Colors

XYZ(35.9232, 46.1879, 66.0533)

Have a look what the booklet for
XYZ(35.9232, 46.1879, 66.0533)
contains.

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Color

**XYZ(35.9232, 46.1879,
66.0533)**

Conversions

Conversions Part 1

Format	Color
Hex	63C3CF
RGB	99, 195, 207
RGB Percent	39%, 76%, 81%
CMY	0.6117, 0.2353, 0.1882
CMYK	0.52, 0.06, 0.00, 0.19
HSL	187°, 53%, 60%
HSV	187°, 52%, 81%
XYZ	35.9232, 46.1879, 66.0533
YIQ	167.6640, -61.0680, -16.6200

Conversions

Conversions Part 2

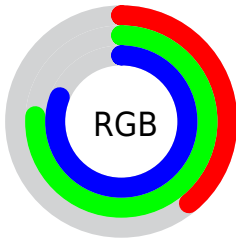
Format	Color
R _Y B	99, 150, 207
Decimal	6538191
CIE Lab	73.67, -24.99, -14.71
CIE LCh	74, 28.998, 210.479
Yxy	46.1879, 0.2425, 0.3117
Android (android.graphics.Color)	4284728271 (0xFF63C3CF)
YUV	167.6640, 19.3926, -60.2183
Hunter-Lab	67.9617, -24.5814, -10.0519

Details

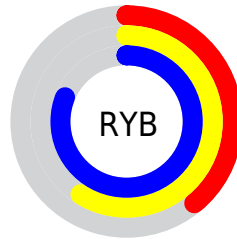
The XYZ color **35.9232, 46.1879, 66.0533** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.6696, 25.5361, 14.9600**, and the grayscale version is **36.9856, 38.9117, 42.3749**.

A 20% lighter version of the original color is **66.7650, 84.0089, 107.3042**, and **15.8703, 21.6567, 33.4807** is the 20% darker color. If you saturate the color by 10%, you get **33.4341, 44.1466, 65.7913**, and if you desaturate by 10%, it is **39.0027, 48.5473, 66.3472**.

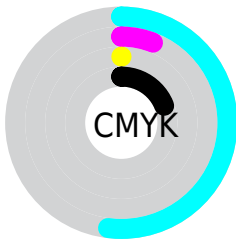
Distribution



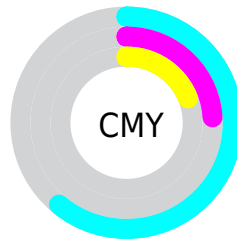
- Red (39%)
- Green (76%)
- Blue (81%)



- Red (39%)
- Yellow (59%)
- Blue (81%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9232, 46.1879, 66.0533 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 35.9232, 46.1879, 66.0533 by changing the saturation by 10% instead.

35.9232, 46.1879,
66.0533

35.9232, 46.1879,
66.0533

320.0618,
371.5636, 464.9769

24.5447, 32.3941,
47.8589

68.2382, 84.5001,
115.1906

15.8651, 21.6627,
33.3560

89.9053, 109.7874,
146.9705

9.5190, 13.6093,
22.1259

115.7328,
139.6746, 184.1161

5.1410, 7.8494,
13.7503

146.0859,
174.5461, 227.0458

2.3658, 3.9987,
7.8104

181.3300,
214.7864, 276.1782

0.8280, 1.6729,
3.8878

221.8305,

0.0000, 0.4060,

260.7798, 331.9318

1.5640

267.9526,
312.9107, 394.7252

■ 0.0000, 0.0000,
0.2650

■ 0.0000, 0.0000,
0.0000

■ 35.9232, 46.1879,
66.0533

■ 35.9232, 46.1879,
66.0533

■ 33.4341, 44.1466,
65.7913

■ 39.0027, 48.5473,
66.3472

■ 31.4857, 42.3949,
65.5559

■ 42.7087, 51.2405,
66.6718

■ 30.0276, 40.9075,
65.3456

■ 47.0795, 54.2884,
67.0297

■ 28.9976, 39.6525,
65.1577

■ 52.1491, 57.7084,
67.4226

■ 28.4040, 38.7877,
65.0221

■ 57.9491, 61.5169,
67.8520

■ 64.5093, 65.7294,
68.3194

■ 71.8577, 70.3602,
68.8259

■ 76.3979, 73.5556,
69.2034

■ 76.9819, 74.7236,
69.3980

Harmonies

Analogous

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



34.7422, 46.1879, 50.5275



35.9232, 46.1879, 66.0533



39.2091, 46.1879, 79.1535

Triad

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



35.9232, 46.1879, 66.0533



53.0721, 46.1879, 65.5635



43.8177, 46.1879, 26.9686

Complementary

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



35.9232, 46.1879, 66.0533



33.6696, 25.5361, 14.9600

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.



48.9514, 46.1879, 29.4664



35.9232, 46.1879, 66.0533



54.5409, 46.1879, 50.0548

Square

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



35.9232, 46.1879, 66.0533



49.1052, 46.1879, 78.8342



52.9785, 46.1879, 37.2594



39.0766, 46.1879, 29.6322

Rectangle

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



35.9232, 46.1879, 66.0533



42.2859, 46.1879, 83.6809



52.9785, 46.1879, 37.2594



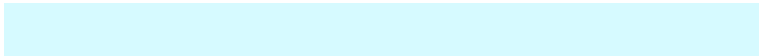
45.5551, 46.1879, 27.2261

Sweetspot

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



35.9246, 46.1897, 66.0544



80.1710, 90.2082, 107.7942



30.2631, 48.4008, 22.4434



16.7980, 19.0641, 23.0443



0.0000, 0.0000, 0.0000



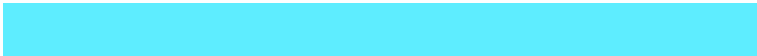
20.3446, 21.4041, 23.3091

Same Dimension

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



35.9246, 46.1897, 66.0544



53.0304, 70.2748, 105.3771



26.1121, 26.5646, 62.7836



12.0415, 13.1734, 15.1517



17.9389, 24.5244, 40.9807



1.0358, 1.4367, 2.3023

Inverse Universe

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



40.0455, 26.1305, 54.5647



60.5822, 35.4511, 83.8872



41.2251, 40.6469, 17.4785



12.2519, 11.9855, 14.6021



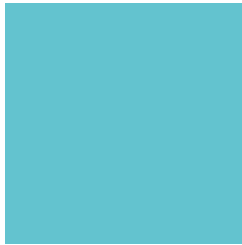
21.6854, 10.5470, 29.5794



1.2290, 0.5963, 1.7409

Previews

White Background



This preview shows how the XYZ color 35.9232, 46.1879, 66.0533 looks on a white background.

Color Contrast Check

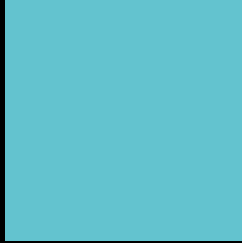
Large Text (above 18pt) WCAG AA × Fail

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 35.9232, 46.1879, 66.0533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

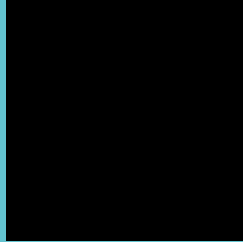
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9232, 46.1879, 66.0533

Background



This preview shows how black text looks on a background with the XYZ color 35.9232, 46.1879, 66.0533.



This preview shows how white text looks on a background with the XYZ color 35.9232, 46.1879,

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

35.9232, 46.1879, 66.0533

Protanopia

44.5582, 45.7364, 59.3029

Deuteranopia

46.5746, 45.6989, 67.9940



Tritanopia

36.1802, 45.9460, 67.9343

Trichromacy



Original Color

35.9232, 46.1879, 66.0533

Protanomaly

40.2860, 45.3045, 61.8797

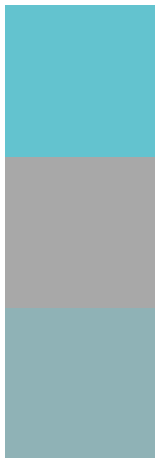
Deuteranomaly

41.5152, 45.1955, 67.5083

Tritanomaly

36.0559, 45.8963, 67.2801

Monochromacy



Original Color

35.9232, 46.1879, 66.0533

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.6916, 41.0578, 50.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9232, 46.1879, 66.0533 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(99, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(99, 195, 207)  
}
```

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(99, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 35.9232, 46.1879, 66.0533 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(99, 195, 207) }
```


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

```
.border{ border-color:rgb(99, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(99, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9232, 46.1879, 66.0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 195, 207) }
```

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

```
.background{ background-color: rgb(99, 195,  
207) }
```

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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