

Converting Colors

YUV(146.3660, 14.6096,
-66.0960)

Have a look what the booklet for
YUV(146.3660, 14.6096, -66.0960)
contains.

YUV(146.3660, 14.6096, -66.0960)	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

**YUV(146.3660, 14.6096,
-66.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	47B3B0
RGB	71, 179, 176
RGB Percent	28%, 70%, 69%
CMY	0.7216, 0.2980, 0.3098
CMYK	0.60, 0.00, 0.02, 0.30
HSL	178°, 43%, 49%
HSV	178°, 60%, 70%
XYZ	26.5551, 36.7144, 46.7613
YIQ	146.3660, -63.4050, -23.8290

Conversions

Conversions Part 2

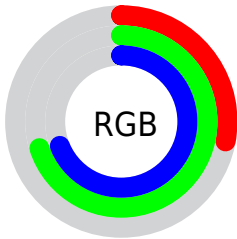
Format	Color
RYB	71, 126, 179
Decimal	4699056
CIELab	67.06, -31.16, -7.68
CIElCh	67, 32.091, 193.852
Yxy	36.7144, 0.2413, 0.3337
Android (android.graphics.Color)	4282889136 (0xFF47B3B0)
YUV	146.3660, 14.6096, -66.0960
Hunter-Lab	60.5924, -27.8076, -3.3415

Details

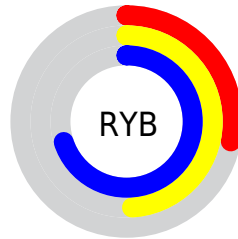
The YUV color **146.3660, 14.6096, -66.0960** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **103.6340, -14.6096, 66.0960**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5620, 14.0199, -63.6369**, and **88.0980, 17.6997, -77.2619** is the 20% darker color. If you saturate the color by 10%, you get **140.9840, 17.2629, -77.1620**, and if you desaturate by 10%, it is **151.7480, 11.9562, -55.0300**.

Distribution



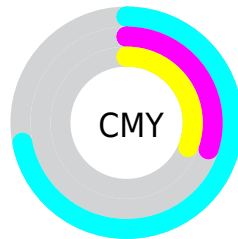
- Red (28%)
- Green (70%)
- Blue (69%)



- Red (28%)
- Yellow (49%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (72%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3660, 14.6096, -66.0960 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 YUV color 146.3660, 14.6096, -66.0960 by changing the saturation by 10% instead.

■ 146.3660, 14.6096,
-66.0960

■ 146.3660, 14.6096,
-66.0960

■ 255.0000, 0.0000,
0.0000

■ 116.6750, 15.9362,
-71.6290

■ 203.5620, 14.0199,
-63.6369

■ 88.0980, 17.6997,
-77.2619

■ 226.5950, 14.0037,
-58.4038

■ 69.9860, 14.3039,
-61.3777

■ 235.2660, 9.7289,
-40.5753

■ 53.1620, 10.7661,
-46.6231

■ 244.2360, 5.3067,
-22.1320

■ 36.4520, 7.6652,
-31.9684

■ 253.2060, 0.8844,
-3.6887

■ 22.9050, 3.9908,
-20.0877

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 146.3660, 14.6096,
-66.0960

■ 146.3660, 14.6096,
-66.0960

■ 140.9840, 17.2629,
-77.1620

■ 151.7480, 11.9562,
-55.0300

■ 135.4880, 19.4794,
-88.1280

■ 157.2440, 9.7397,
-44.0640

■ 130.1060, 22.1327,
-99.1940

■ 162.6260, 7.0864,
-32.9980

■ 124.9090, 24.2019,
-109.5452

■ 168.1220, 4.8699,
-22.0320

■ 173.5040, 2.2165,
-10.9660

■ 178.7010, 0.1474,
-0.6148

■ 184.0830, -2.5059,
10.4512

■ 189.5790, -4.7224,
21.4172

■ 194.9610, -7.3758,
32.4832

Harmonies

Analogous

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



151.9270, -2.9220, -42.9090



146.3660, 14.6096, -66.0960



146.6610, 27.2821, -70.7397

Triad

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



146.3660, 14.6096, -66.0960



167.0230, 18.7227, 14.8888



162.7870, -27.0100, 30.0048

Complementary

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



146.3660, 14.6096, -66.0960



103.6340, -14.6096, 66.0960

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.



164.7100, -20.0700, 44.1043



146.3660, 14.6096, -66.0960



167.2510, 6.2853, 37.4909

Square

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



146.3660, 14.6096, -66.0960



162.8280, 27.6928, -15.6352



166.3480, -7.5666, 47.0528



160.4700, -26.3607, 8.3578

Rectangle

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



146.3660, 14.6096, -66.0960



151.6610, 30.7331, -57.5847



166.3480, -7.5666, 47.0528



163.5750, -25.4265, 35.4527

Sweetspot

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



146.3660, 14.6096, -66.0960



219.3280, 5.7543, -25.7207



135.5920, -31.8439, -53.1392



109.2260, 3.8326, -15.9842



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



146.3660, 14.6096, -66.0960



181.4970, 22.4330, -102.1679



117.3580, 30.3895, -40.6560



86.3090, 1.3267, -5.5330



106.7970, 20.8061, -93.6610



18.1120, 3.3958, -15.8842

Inverse Universe

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



103.6340, -14.6096, 66.0960



115.5030, -22.4330, 102.1679



132.6420, -30.3895, 40.6560



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 146.3660, 14.6096, -66.0960 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 YUV color 146.3660, 14.6096, -66.0960 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

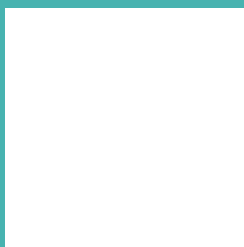
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 146.3660, 14.6096, -66.0960

Background



This preview shows how black text looks on a background with the YUV color 146.3660, 14.6096, -66.0960.



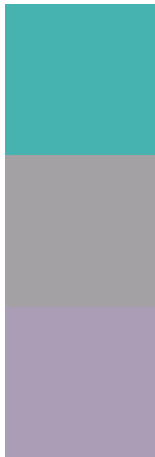
This preview shows how white text looks on a background with the YUV color 146.3660, 14.6096, -66.0960.

-66.0960.

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

146.3660, 14.6096, -66.0960

Protanopia

162.3530, 1.3050, 1.4444

Deuteranopia

163.9110, 8.4249, 4.4631



Tritanopia

148.9950, 20.7085, -62.2626

Trichromacy



Original Color

146.3660, 14.6096, -66.0960

Protanomaly

156.7520, 6.0383, -23.4615

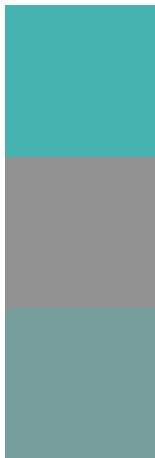
Deuteranomaly

157.6150, 10.5428, -21.5874

Tritanomaly

148.1150, 18.6773, -64.1219

Monochromacy



Original Color

146.3660, 14.6096, -66.0960

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2250, 5.3121, -23.8763

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3660, 14.6096, -66.0960 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(71, 179, 176)` looks like.

```
.text, #text, p{  
    color:rgb(71, 179, 176)  
}
```

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(71, 179, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 179, 176) }
```

Border

The CSS property to change the border of an element to YUV 146.3660, 14.6096, -66.0960 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(71, 179, 176) }
```


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

```
.border{ border-color:rgb(71, 179, 176) }
```

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

Here you see how a box with a 4 pixel rgb(71, 179, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 179, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 179, 176);  
box-shadow:4px 4px 4px 4px rgb(71, 179,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 146.3660, 14.6096, -66.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 179, 176) }
```

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

```
.background{ background-color: rgb(71, 179,  
176) }
```

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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