

Converting Colors

YUV(149.6390, 10.5310,
-64.5814)

Have a look what the booklet for
YUV(149.6390, 10.5310, -64.5814)
contains.

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Color

**YUV(149.6390, 10.5310,
-64.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	4CB7AB
RGB	76, 183, 171
RGB Percent	30%, 72%, 67%
CMY	0.7020, 0.2824, 0.3294
CMYK	0.58, 0.00, 0.07, 0.28
HSL	173°, 43%, 51%
HSV	173°, 58%, 72%
XYZ	27.2647, 38.3437, 44.4922
YIQ	149.6390, -59.9200, -26.4160

Conversions

Conversions Part 2

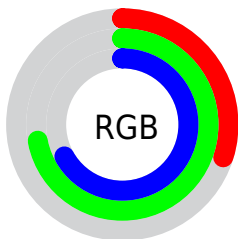
Format	Color
RYB	76, 133, 183
Decimal	5027755
CIELab	68.27, -33.49, -3.11
CIElCh	68, 33.637, 185.312
Yxy	38.3437, 0.2476, 0.3483
Android (android.graphics.Color)	4283217835 (0xFF4CB7AB)
YUV	149.6390, 10.5310, -64.5814
Hunter-Lab	61.9223, -29.7698, 0.7448

Details

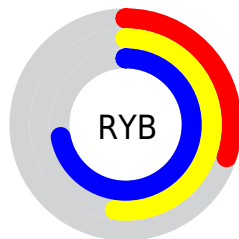
The YUV color **149.6390, 10.5310, -64.5814** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **109.3610, -10.5310, 64.5814**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4220, 9.6520, -62.6371**, and **89.2890, 14.6475, -78.3065** is the 20% darker color. If you saturate the color by 10%, you get **144.0290, 12.3107, -75.4474**, and if you desaturate by 10%, it is **155.2490, 8.7512, -53.7154**.

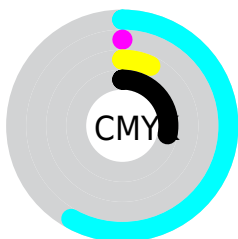
Distribution



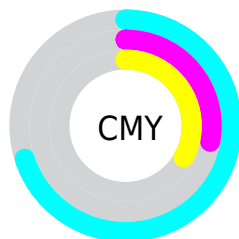
- Red (30%)
- Green (72%)
- Blue (67%)



- Red (30%)
- Yellow (52%)
- Blue (72%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)




- Cyan (70%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.6390, 10.5310, -64.5814 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 149.6390, 10.5310, -64.5814 by changing the saturation by 10% instead.


 149.6390, 10.5310,
-64.5814


 149.6390, 10.5310,
-64.5814


255.0000, 0.0000,
0.0000

 120.9590, 11.8522,
-68.3700


 206.4220, 9.6520,
-62.6371


 89.2890, 14.6475,
-78.3065


 227.7910, 13.4140,
-55.9447


 71.7640, 10.9623,
-62.9370

 236.4620, 9.1392,
-38.1162

 54.4670, 8.1508,
-47.7676

 245.4320, 4.7170,
-19.6729

 37.7570, 5.0498,
-33.1129

 254.1030, 0.4422,
-1.8443

 23.6230, 1.6649,
-20.7174

 0.0000, 0.0000,

0.0000

■ 149.6390, 10.5310,
-64.5814

■ 149.6390, 10.5310,
-64.5814

■ 144.0290, 12.3107,
-75.4474

■ 155.2490, 8.7512,
-53.7154

■ 138.1200, 14.2378,
-86.9282

■ 161.1580, 6.8241,
-42.2346

■ 132.5100, 16.0176,
-97.7943

■ 166.7680, 5.0444,
-31.3685

■ 126.9000, 17.7973,
-108.6603

■ 172.3780, 3.2646,
-20.5025

■ 125.8890, 17.8027,
-110.4047

■ 178.2870, 1.3375,
-9.0217

■ 183.8970, -0.4422,
1.8443

■ 189.5070, -2.2220,
12.7104

■ 195.1170, -4.0017,
23.5764

■ 201.0260, -5.9288,
35.0572

Harmonies

Analogous

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



155.9940, -7.8850, -37.7057



149.6390, 10.5310, -64.5814



146.4920, 26.8724, -79.3615

Triad

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



149.6390, 10.5310, -64.5814



169.7060, 22.8229, 6.3968



166.5320, -26.8843, 36.3674

Complementary

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



149.6390, 10.5310, -64.5814



109.3610, -10.5310, 64.5814

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.



168.4270, -17.4655, 48.7375



149.6390, 10.5310, -64.5814



170.6680, 10.5167, 33.6172

Square

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



149.6390, 10.5310, -64.5814



164.2610, 30.9303, -27.4159



169.6840, -3.7882, 48.5121



163.8300, -29.0032, 15.9351

Rectangle

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



149.6390, 10.5310, -64.5814



150.9260, 32.0815, -70.0951



169.6840, -3.7882, 48.5121



167.5480, -24.4272, 41.6154

Sweetspot

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



149.6390, 10.5310, -64.5814



223.5730, 4.1545, -25.9355



142.3970, -32.7337, -47.7062



111.5850, 2.6696, -16.2990



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.6390, 10.5310, -64.5814



185.3140, 16.6072, -100.2534



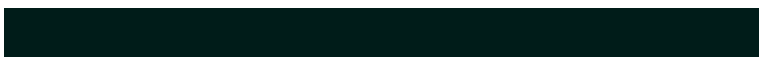
126.9400, 27.6376, -44.6744



89.1950, 0.8899, -5.4330



107.3040, 15.1331, -94.1056



19.2860, 2.8170, -16.9138

Inverse Universe

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



109.3610, -10.5310, 64.5814



122.8000, -16.1704, 100.1534



132.0600, -27.6376, 44.6744



85.8050, -0.8899, 5.4330



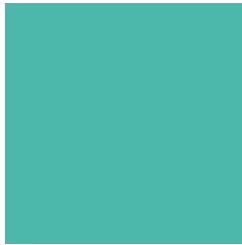
48.5820, -15.5699, 94.2056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 149.6390, 10.5310, -64.5814 looks on a white background.

Color Contrast Check

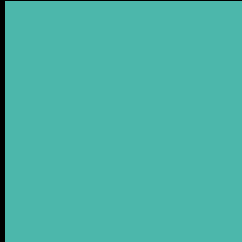
Large Text (above 18pt) WCAG AA × Fail

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 149.6390, 10.5310, -64.5814 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

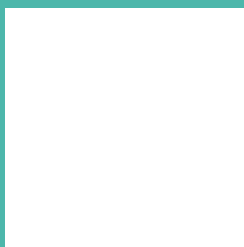
Any Text WCAG AAA ✓ Pass

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

YUV 149.6390, 10.5310, -64.5814 Background



This preview shows how black text looks on a background with the YUV color 149.6390, 10.5310, -64.5814.



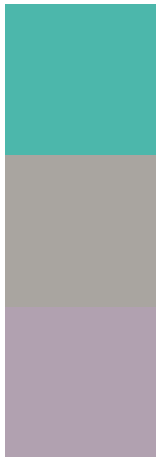
This preview shows how white text looks on a background with the YUV color 149.6390, 10.5310,

-64.5814.

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

149.6390, 10.5310, -64.5814

Protanopia

165.6260, -2.7736, 2.9590

Deuteranopia

167.4940, 4.1935, 8.3368



Tritanopia

153.1910, 20.1188, -59.8035

Trichromacy



Original Color

149.6390, 10.5310, -64.5814

Protanomaly

160.0250, 1.9597, -21.9469

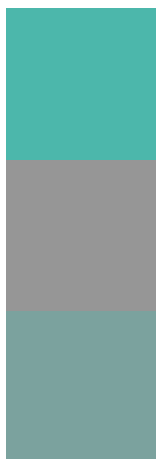
Deuteranomaly

160.8990, 6.4588, -18.3284

Tritanomaly

151.9690, 16.7773, -61.3628

Monochromacy



Original Color

149.6390, 10.5310, -64.5814

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.8830, 4.0017, -23.5764

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6390, 10.5310, -64.5814 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(76, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(76, 183, 171)  
}
```

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(76, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 183, 171) }
```

Border

The CSS property to change the border of an element to YUV 149.6390, 10.5310, -64.5814 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(76, 183, 171) }
```


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

```
.border{ border-color:rgb(76, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(76, 183,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 149.6390, 10.5310, -64.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 183, 171) }
```

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

```
.background{ background-color: rgb(76, 183,  
171) }
```

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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