

Converting Colors

YUV(184.8690, 4.9946,
-62.1521)

Have a look what the booklet for
YUV(184.8690, 4.9946, -62.1521)
contains.

YUV(184.8690, 4.9946, -62.1521)	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(184.8690, 4.9946,
-62.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	72DBC3
RGB	114, 219, 195
RGB Percent	45%, 86%, 76%
CMY	0.5529, 0.1412, 0.2353
CMYK	0.48, 0.00, 0.11, 0.14
HSL	166°, 59%, 65%
HSV	166°, 48%, 86%
XYZ	42.1213, 58.1806, 60.6397
YIQ	184.8690, -54.8760, -29.7240

Conversions

Conversions Part 2

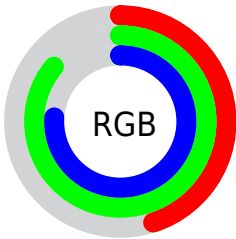
Format	Color
RYB	114, 173, 219
Decimal	7527363
CIELab	80.84, -36.21, 2.41
CIELCh	81, 36.286, 176.184
Yxy	58.1806, 0.2617, 0.3615
Android (android.graphics.Color)	4285717443 (0xFF72DBC3)
YUV	184.8690, 4.9946, -62.1521
Hunter-Lab	76.2762, -34.9120, 6.2577

Details

The YUV color **184.8690, 4.9946, -62.1521** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **148.1310, -4.9946, 62.1521**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7270, 10.4876, -50.6266**, and **127.9010, 6.4578, -64.8112** is the 20% darker color. If you saturate the color by 10%, you get **177.7210, 6.0535, -75.1773**, and if you desaturate by 10%, it is **192.0170, 3.9356, -49.1269**.

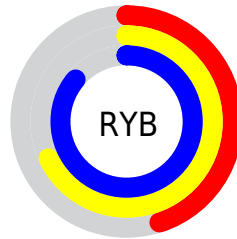
Distribution



Red (45%)

Green (86%)

Blue (76%)



Red (45%)

Yellow (68%)

Blue (86%)

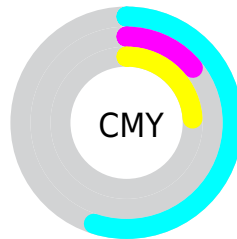


Cyan (48%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (55%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8690, 4.9946, -62.1521 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 184.8690, 4.9946, -62.1521 by changing the saturation by 10% instead.

■ 184.8690, 4.9946,
-62.1521

■ 184.8690, 4.9946,
-62.1521

255.0000, 0.0000,
0.0000

■ 156.6840, 5.5788,
-62.8669

■ 229.7270, 10.4876,
-50.6266

■ 127.9010, 6.4578,
-64.8112

■ 238.8540, 7.9600,
-33.1980

■ 96.0350, 9.8427,
-77.2067

■ 247.5250, 3.6852,
-15.3694

■ 75.5310, 7.6262,
-66.2407

■ 58.2340, 4.8146,
-51.0712

■ 41.6380, 2.1505,
-36.5165

■ 26.3300, -0.6557,

-23.0914

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 184.8690, 4.9946,
-62.1521

■ 184.8690, 4.9946,
-62.1521

■ 177.7210, 6.0535,
-75.1773

■ 192.0170, 3.9356,
-49.1269

■ 170.5730, 7.1125,
-88.2025

■ 199.1650, 2.8767,
-36.1017

■ 163.4250, 8.1715,
-101.2277

■ 206.3130, 1.8177,
-23.0765

■ 156.2770, 9.2304,
-114.2529

■ 213.4610, 0.7587,
-10.0513

■ 149.1290, 10.2894,
-127.2781

■ 220.6090, -0.3002,
2.9739

■ 147.8190, 10.4422,
-129.6373

■ 227.4580, -1.2118,
15.3843

■ 231.0180, -0.5019,
21.0322

■ 231.5880, 1.6821,
20.5323

■ 232.1580, 3.8661,
20.0324

Harmonies

Analogous

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



190.7190, -14.1585, -32.2026



184.8690, 4.9946, -62.1521



180.6720, 23.8257, -82.1503

Triad

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



184.8690, 4.9946, -62.1521



202.4490, 25.9076, -3.0248



201.9570, -28.0798, 46.5187

Complementary

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



184.8690, 4.9946, -62.1521



148.1310, -4.9946, 62.1521

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.



199.7520, -13.6817, 48.4525



184.8690, 4.9946, -62.1521



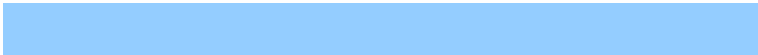
205.8400, 16.3479, 29.9583

Square

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



184.8690, 4.9946, -62.1521



193.6570, 30.2421, -40.0412



202.4540, 1.7482, 46.0828



198.9730, -32.5247, 25.4567

Rectangle

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



184.8690, 4.9946, -62.1521



182.3870, 32.8402, -80.1464



202.4540, 1.7482, 46.0828



200.5210, -23.4279, 47.7781

Sweetspot

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



184.8690, 4.9946, -62.1521



243.3240, 1.8123, -21.3321



183.1100, -34.0712, -38.6845



120.8520, 1.0590, -13.0252



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



184.8690, 4.9946, -62.1521



206.8720, 6.9651, -87.5877



171.1690, 23.5807, -50.1372



106.3690, 0.3111, -6.4626



116.8270, 8.4663, -102.4573



30.9920, 1.9759, -27.1800

Inverse Universe

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



148.1310, -4.9946, 62.1521



155.1280, -6.9651, 87.5877



161.8310, -23.5807, 50.1372



102.5170, -0.7479, 6.5626



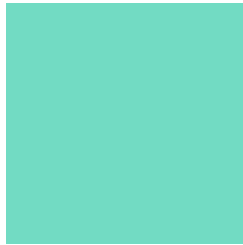
56.2870, -8.0295, 102.3573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 184.8690, 4.9946, -62.1521 looks on a white background.

Color Contrast Check

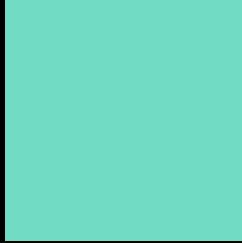
Large Text (above 18pt) WCAG AA × Fail

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 184.8690, 4.9946, -62.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

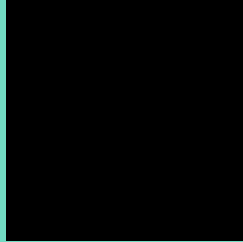
Any Text WCAG AA ✓ Pass

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 184.8690, 4.9946, -62.1521 Background



This preview shows how black text looks on a background with the YUV color 184.8690, 4.9946, -62.1521.



This preview shows how white text looks on a background with the YUV color 184.8690, 4.9946,

-62.1521.

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

184.8690, 4.9946, -62.1521

Protanopia

199.6820, -7.7312, 6.4179

Deuteranopia

201.3870, -0.1908, 14.5696



Tritanopia

189.3270, 20.5448, -56.4148

Trichromacy



Original Color

184.8690, 4.9946, -62.1521



Protanomaly

194.0810, -2.9979, -18.4880



Deuteranomaly

195.0800, 1.9326, -13.2252



Tritanomaly

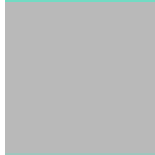
187.8230, 14.8773, -58.6038

Monochromacy



Original Color

184.8690, 4.9946, -62.1521



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.7260, 2.1071, -22.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8690, 4.9946, -62.1521 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(114, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(114, 219, 195)  
}
```

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(114, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 219, 195) }
```

Border

The CSS property to change the border of an element to YUV 184.8690, 4.9946, -62.1521 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(114, 219, 195) }
```


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

```
.border{ border-color:rgb(114, 219, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 219, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 219, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 219, 195); box-shadow:4px 4px 4px 4px rgb(114, 219, 195) }
```

Background

The CSS property to change the background color of an element to YUV 184.8690, 4.9946, -62.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 219, 195) }
```

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

```
.background{ background-color: rgb(114,  
219, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor