

Converting Colors

YUV(175.5320, -14.0663,
-61.8566)

Have a look what the booklet for
YUV(175.5320, -14.0663, -61.8566)
contains.

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Color

**YUV(175.5320, -14.0663,
-61.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	69D993
RGB	105, 217, 147
RGB Percent	41%, 85%, 58%
CMY	0.5882, 0.1490, 0.4235
CMYK	0.52, 0.00, 0.32, 0.15
HSL	142°, 60%, 63%
HSV	142°, 52%, 85%
XYZ	35.9050, 54.7356, 36.2764
YIQ	175.5320, -44.2820, -45.5140

Conversions

Conversions Part 2

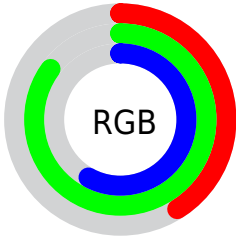
Format	Color
RYB	105, 186, 217
Decimal	6936979
CIELab	78.89, -47.56, 24.95
CIELCh	79, 53.706, 152.316
Yxy	54.7356, 0.2829, 0.4313
Android (android.graphics.Color)	4285127059 (0xFF69D993)
YUV	175.5320, -14.0663, -61.8566
Hunter-Lab	73.9835, -42.8430, 22.7167

Details

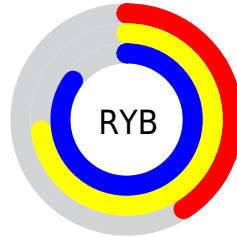
The YUV color **175.5320, -14.0663, -61.8566** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **146.4680, 14.0663, 61.8566**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3360, -10.0256, -51.1607**, and **118.0090, -10.8504, -66.6599** is the 20% darker color. If you saturate the color by 10%, you get **167.3580, -16.9385, -73.9820**, and if you desaturate by 10%, it is **183.7060, -11.1941, -49.7312**.

Distribution



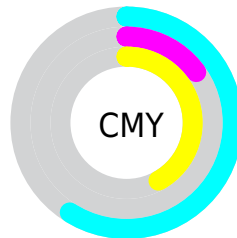
- Red (41%)
- Green (85%)
- Blue (58%)



- Red (41%)
- Yellow (73%)
- Blue (85%)



- Cyan (52%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (59%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5320, -14.0663, -61.8566 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 175.5320, -14.0663, -61.8566 by changing the saturation by 10% instead.

■ 175.5320,
-14.0663, -61.8566

■ 175.5320,
-14.0663, -61.8566

255.0000, 0.0000,
0.0000

■ 147.1620,
-12.8979, -63.2861

■ 221.3360,
-10.0256, -51.1607

■ 118.0090,
-10.8504, -66.6599

■ 233.3130, -1.6333,
-36.2315

■ 86.8660, -7.3289,
-76.1815

■ 244.8340, 5.0118,
-20.9024

■ 68.8680, -10.2879,
-60.3972

■ 253.8040, 0.5896,
-2.4591

■ 51.6850, -12.6627,
-45.3277

■ 34.8610, -16.2005,
-30.5731

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 175.5320,
-14.0663, -61.8566

■ 175.5320,
-14.0663, -61.8566

■ 167.3580,
-16.9385, -73.9820

■ 183.7060,
-11.1941, -49.7312

■ 159.5970,
-19.5213, -85.5926

■ 191.4670, -8.6112,
-38.1206

■ 151.4230,
-22.3935, -97.7180

■ 199.6410, -5.7390,
-25.9952

■ 143.3630,
-24.8290, -109.9434

■ 207.7010, -3.3036,
-13.7698

■ 136.6130,
-27.4172, -119.8096

■ 215.8750, -0.4314,
-1.6444

■ 223.6360, 2.1515,
9.9662

■ 231.2120, 5.3185,
20.8621

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



185.2380, -38.0783, -13.3637



175.5320, -14.0663, -61.8566



152.2990, 22.5306, -133.5662

Triad

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



175.5320, -14.0663, -61.8566



180.5670, 36.6955, -56.6253



186.6950, -20.5556, 59.9035

Complementary

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



175.5320, -14.0663, -61.8566



146.4680, 14.0663, 61.8566

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.



188.6450, 2.1470, 58.1933



175.5320, -14.0663, -61.8566



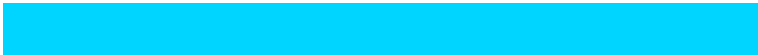
196.3130, 28.9327, 6.7415

Square

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



175.5320, -14.0663, -61.8566



154.1010, 49.7432, -135.1466



199.0410, 21.6718, 49.0760



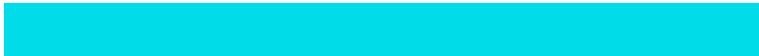
191.7550, -41.7842, 55.4659

Rectangle

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



175.5320, -14.0663, -61.8566



156.1750, 37.3817, -136.9655



199.0410, 21.6718, 49.0760



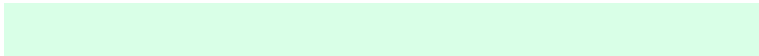
186.0570, -12.8461, 60.4630

Sweetspot

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



175.5320, -14.0663, -61.8566



240.9020, -4.8817, -20.9621



191.9730, -42.8777, -14.0083



119.4130, -3.1616, -12.6402



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.



175.5320, -14.0663, -61.8566



196.4720, -19.9527, -87.2369



181.8020, 9.9576, -67.3554



105.9130, -1.4361, -6.0627



108.9610, -21.6728, -95.5588



28.9400, -5.8864, -25.3804

Inverse Universe

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



146.4680, 14.0663, 61.8566



155.5280, 19.9527, 87.2369



140.1980, -9.9576, 67.3554



103.0870, 1.4361, 6.0627



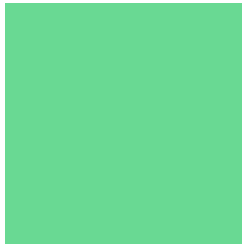
64.0390, 21.6728, 95.5588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 175.5320, -14.0663, -61.8566 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 175.5320, -14.0663, -61.8566 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 175.5320, -14.0663, -61.8566 Background



This preview shows how black text looks on a background with the YUV color 175.5320, -14.0663, -61.8566.



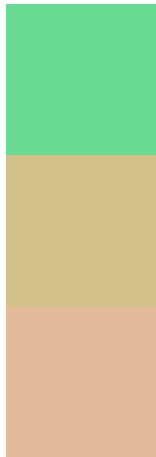
This preview shows how white text looks on a background with the YUV color 175.5320, -14.0663, -61.8566.

-61.8566.

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

175.5320, -14.0663, -61.8566

Protanopia

191.9870, -27.1086, 14.9204

Deuteranopia

194.3120, -19.8738, 27.7904



Tritanopia

184.4200, 19.5129, -52.1113

Trichromacy



Original Color

175.5320, -14.0663, -61.8566



Protanomaly

185.7770, -22.0751, -12.9594



Deuteranomaly

187.2710, -17.8816, -4.6227



Tritanomaly

181.4830, 7.1569, -55.6746

Monochromacy



Original Color

175.5320, -14.0663, -61.8566



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.7770, -5.3131, -22.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5320, -14.0663, -61.8566 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(105, 217, 147)` looks like.

```
.text, #text, p{  
    color:rgb(105, 217, 147)  
}
```

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(105, 217, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 217, 147) }
```

Border

The CSS property to change the border of an element to YUV 175.5320, -14.0663, -61.8566 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(105, 217, 147) }
```


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

```
.border{ border-color:rgb(105, 217, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 217, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 217, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 217, 147); box-shadow:4px 4px 4px 4px rgb(105, 217, 147) }
```

Background

The CSS property to change the background color of an element to YUV 175.5320, -14.0663, -61.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 217, 147) }
```

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

```
.background{ background-color: rgb(105,  
217, 147) }
```

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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