

Converting Colors

YUV(166.1330, 14.7244,
-56.2446)

Have a look what the booklet for
YUV(166.1330, 14.7244, -56.2446)
contains.

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Color

**YUV(166.1330, 14.7244,
-56.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	66C1C4
RGB	102, 193, 196
RGB Percent	40%, 76%, 77%
CMY	0.6000, 0.2431, 0.2314
CMYK	0.48, 0.02, 0.00, 0.23
HSL	182°, 44%, 58%
HSV	182°, 48%, 77%
XYZ	34.5133, 44.9502, 59.0818
YIQ	166.1330, -55.1990, -18.3590

Conversions

Conversions Part 2

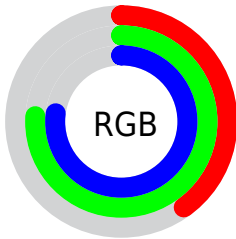
Format	Color
RYB	102, 148, 196
Decimal	6734276
CIELab	72.86, -26.30, -9.92
CIELCh	73, 28.110, 200.670
Yxy	44.9502, 0.2491, 0.3244
Android (android.graphics.Color)	4284924356 (0xFF66C1C4)
YUV	166.1330, 14.7244, -56.2446
Hunter-Lab	67.0449, -25.4408, -5.3165

Details

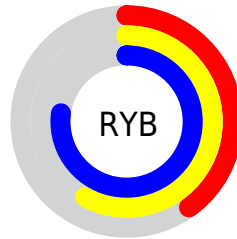
The YUV color **166.1330, 14.7244, -56.2446** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **131.8670, -14.7244, 56.2446**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1330, 14.7244, -56.2446**, and **110.0400, 15.7563, -60.5481** is the 20% darker color. If you saturate the color by 10%, you get **159.5660, 17.9620, -68.0254**, and if you desaturate by 10%, it is **172.7000, 11.4869, -44.4639**.

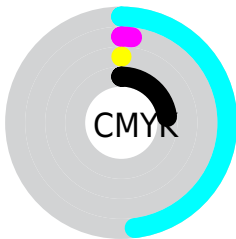
Distribution



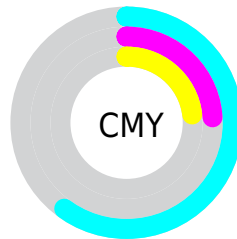
- Red (40%)
- Green (76%)
- Blue (77%)



- Red (40%)
- Yellow (58%)
- Blue (77%)



- Cyan (48%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (60%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1330, 14.7244, -56.2446 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 166.1330, 14.7244, -56.2446 by changing the saturation by 10% instead.

■ 166.1330, 14.7244,
-56.2446

■ 166.1330, 14.7244,
-56.2446

■ 255.0000, 0.0000,
0.0000

■ 138.5350, 15.0192,
-57.4742

■ 223.1330, 14.7244,
-56.2446

■ 110.0400, 15.7563,
-60.5481

■ 234.9670, 9.8763,
-41.1901

■ 79.6690, 18.4042,
-69.8697

■ 243.6380, 5.6015,
-23.3615

■ 62.7310, 14.4296,
-55.0151

■ 252.6080, 1.1793,
-4.9182

■ 46.0210, 11.3286,
-40.3604

■ 29.8980, 7.9383,
-26.2205

■ 14.1170, 5.8583,

-12.3806

■ 0.0000, 0.0000,
0.0000

■ 166.1330, 14.7244,
-56.2446

■ 166.1330, 14.7244,
-56.2446

■ 159.5660, 17.9620,
-68.0254

■ 172.7000, 11.4869,
-44.4639

■ 153.8850, 20.7627,
-79.7061

■ 178.3810, 8.6862,
-32.7831

■ 147.3180, 24.0002,
-91.4869

■ 184.9480, 5.4486,
-21.0024

■ 141.0500, 27.0904,
-102.6528

■ 191.2160, 2.3585,
-9.8364

■ 135.0700, 30.0385,
-114.9484

■ 197.1960, -0.5896,
2.4591

■ 133.8740, 30.6281,
-117.4075

■ 203.7630, -3.8272,
14.2398

■ 209.4440, -6.6279,
25.9206

■ 214.8150, -9.2758,
35.2422

■ 215.4020, -9.5652,
34.7274

Harmonies

Analogous

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



168.8500, 0.5670, -41.9644



166.1330, 14.7244, -56.2446



168.3750, 24.4651, -53.8259

Triad

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



166.1330, 14.7244, -56.2446



182.6060, 14.4912, 18.7625



178.0250, -24.6623, 23.6571

Complementary

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



166.1330, 14.7244, -56.2446



131.8670, -14.7244, 56.2446

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.



180.3780, -19.9064, 38.2565



166.1330, 14.7244, -56.2446



183.2140, 2.3595, 36.6463

Square

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



166.1330, 14.7244, -56.2446



180.0310, 23.1557, -7.0432



182.0440, -9.8817, 42.9344



175.7620, -22.5607, 2.8397

Rectangle

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



166.1330, 14.7244, -56.2446



172.1360, 27.0480, -42.2153



182.0440, -9.8817, 42.9344



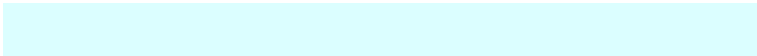
178.6990, -23.5156, 29.2050

Sweetspot

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



166.1330, 14.7244, -56.2446



243.6490, 5.5960, -21.6172



157.4060, -26.3292, -48.5911



120.8350, 3.5323, -13.0103



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.



166.1330, 14.7244, -56.2446



207.8130, 23.2632, -88.4130



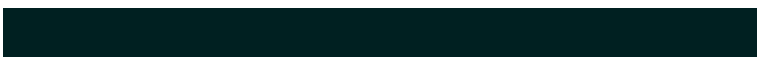
139.1310, 28.0364, -32.5639



94.0100, 1.4741, -6.1478



109.9260, 25.1795, -96.4051



22.5460, 5.1538, -19.7728

Inverse Universe

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



140.4800, 25.8924, 48.6910



167.5540, 40.6459, 76.6901



158.8690, -28.0364, 32.5639



91.1300, 2.8939, 5.1480



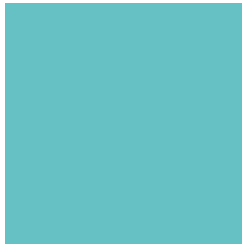
65.9230, 44.4080, 83.3825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 166.1330, 14.7244, -56.2446 looks on a white background.

Color Contrast Check

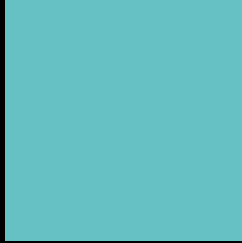
Large Text (above 18pt) WCAG AA × Fail

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 166.1330, 14.7244, -56.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

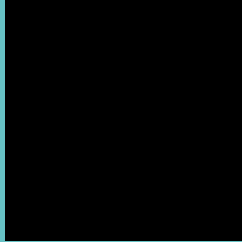
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.1330, 14.7244, -56.2446

Background



This preview shows how black text looks on a background with the YUV color 166.1330, 14.7244, -56.2446.

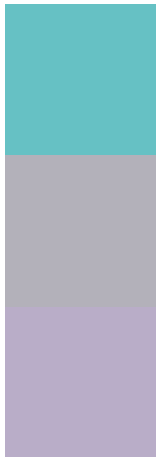


This preview shows how white text looks on a background with the YUV color 166.1330, 14.7244, -56.2446.

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

166.1330, 14.7244, -56.2446

Protanopia

178.6240, 3.6364, 0.3298

Deuteranopia

179.6660, 10.0247, 4.6779



Tritanopia

167.4090, 19.5184, -53.8557

Trichromacy



Original Color

166.1330, 14.7244, -56.2446

Protanomaly

174.2300, 7.7746, -20.3727

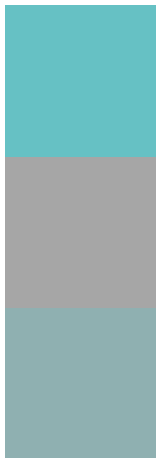
Deuteranomaly

174.6910, 11.9843, -17.2690

Tritanomaly

167.2410, 17.6292, -54.5854

Monochromacy



Original Color

166.1330, 14.7244, -56.2446

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2470, 5.3012, -20.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1330, 14.7244, -56.2446 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(102, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 193, 196)  
}
```

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(102, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 193, 196) }
```

Border

The CSS property to change the border of an element to YUV 166.1330, 14.7244, -56.2446 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(102, 193, 196) }
```


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

```
.border{ border-color:rgb(102, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 193,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 166.1330, 14.7244, -56.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 193, 196) }
```

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

```
.background{ background-color: rgb(102,  
193, 196) }
```

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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