

Converting Colors

YUV(153.5040, -17.9965,
-14.4740)

Have a look what the booklet for
YUV(153.5040, -17.9965, -14.4740)
contains.

YUV(153.5040, -17.9965, -14.4740)	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(153.5040, -17.9965,
-14.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	89A975
RGB	137, 169, 117
RGB Percent	54%, 66%, 46%
CMY	0.4627, 0.3373, 0.5412
CMYK	0.19, 0.00, 0.31, 0.34
HSL	97°, 23%, 56%
HSV	97°, 31%, 66%
XYZ	27.7154, 34.9787, 22.1204
YIQ	153.5040, -2.3800, -22.9560

Conversions

Conversions Part 2

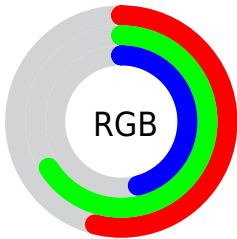
Format	Color
RYB	117, 169, 149
Decimal	9021813
CIELab	65.73, -20.73, 23.34
CIELCh	66, 31.221, 131.608
Yxy	34.9787, 0.3268, 0.4124
Android (android.graphics.Color)	4287211893 (0xFF89A975)
YUV	153.5040, -17.9965, -14.4740
Hunter-Lab	59.1428, -19.8514, 19.2244

Details

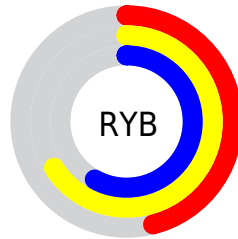
The YUV color **153.5040, -17.9965, -14.4740** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **132.4960, 17.9965, 14.4740**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8630, -19.1595, -14.7889**, and **102.1450, -16.8335, -14.1592** is the 20% darker color. If you saturate the color by 10%, you get **148.5760, -23.9480, -18.9222**, and if you desaturate by 10%, it is **158.4320, -12.0450, -10.0259**.

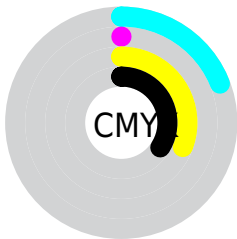
Distribution



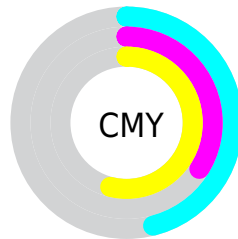
- Red (54%)
- Green (66%)
- Blue (46%)



- Red (46%)
- Yellow (66%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (31%)
- Black (34%)



- Cyan (46%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5040, -17.9965, -14.4740 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 153.5040, -17.9965, -14.4740 by changing the saturation by 10% instead.

■ 153.5040,
-17.9965, -14.4740

■ 153.5040,
-17.9965, -14.4740

255.0000, 0.0000,
0.0000

■ 127.0310,
-17.2703, -14.0592

■ 207.8630,
-19.1595, -14.7889

■ 102.1450,
-16.8335, -14.1592

■ 236.4500,
-19.4488, -15.3036

■ 77.6720, -16.1073,
-13.7443

■ 249.4870,
-12.0721, -1.3041

■ 54.1990, -15.3811,
-13.3295

254.8860, -0.4368,
0.1000

■ 32.0850, -15.8179,
-13.2295

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 153.5040,
-17.9965, -14.4740

■ 153.5040,
-17.9965, -14.4740

■ 148.5760,
-23.9480, -18.9222

■ 158.4320,
-12.0450, -10.0259

■ 143.3490,
-29.7521, -23.9851

■ 163.6590, -6.2409,
-4.9629

■ 138.4210,
-35.7036, -28.4332

■ 168.5870, -0.2894,
-0.5148

■ 133.1940,
-41.5076, -33.4961

■ 173.8140, 5.5147,
4.5481

■ 128.2660,
-47.4591, -37.9443

■ 178.6280, 11.0294,
9.0962

■ 123.4520,
-52.9738, -42.4924

■ 183.5560, 16.9809,
13.5444

■ 118.6380,
-58.4885, -47.0405

■ 188.7830, 22.7850,
18.6073

■ 193.7110, 28.7365,
23.0555

■ 197.3420, 28.4254,
29.5181

Harmonies

Analogous

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



156.5950, -25.9293, 10.0022



153.5040, -17.9965, -14.4740



149.3080, -4.0958, -39.7351

Triad

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



153.5040, -17.9965, -14.4740



150.6020, 30.2692, -48.7630



162.9780, -6.3982, 45.6233

Complementary

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



153.5040, -17.9965, -14.4740



132.4960, 17.9965, 14.4740

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.



164.0550, 6.8749, 35.0318



153.5040, -17.9965, -14.4740



158.9910, 27.1194, -18.4091

Square

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



153.5040, -17.9965, -14.4740



143.3300, 25.9663, -68.6954



163.4140, 19.0229, 11.9149



161.1660, -18.3228, 43.7044

Rectangle

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



153.5040, -17.9965, -14.4740



145.4830, 7.1569, -55.6746



163.4140, 19.0229, 11.9149



162.8190, -1.8828, 44.0087

Sweetspot

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



153.5040, -17.9965, -14.4740



213.2460, -6.5303, -5.4777



150.7450, -16.6363, 16.0096



106.2400, -4.0623, -3.7185



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



153.5040, -17.9965, -14.4740



194.8160, -28.0103, -22.6406



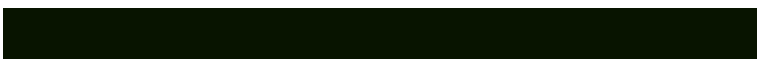
148.0940, -12.8643, -27.2694



81.5930, -2.7573, -2.2741



103.9190, -51.2321, -41.1480



14.1320, -6.9671, -5.3778

Inverse Universe

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



132.4960, 17.9965, 14.4740



162.1840, 28.0103, 22.6406



137.9060, 12.8643, 27.2694



78.4070, 2.7573, 2.2741



44.0810, 51.2321, 41.1480



6.1670, 6.8197, 5.9925

Previews

White Background



This preview shows how the YUV color 153.5040, -17.9965, -14.4740 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 153.5040, -17.9965, -14.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

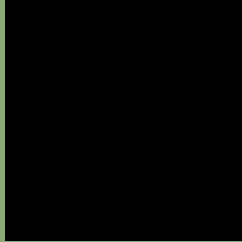
Any Text WCAG AA ✓ Pass

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 153.5040, -17.9965, -14.4740 Background



This preview shows how black text looks on a background with the YUV color 153.5040, -17.9965, -14.4740.



This preview shows how white text looks on a background with the YUV color 153.5040, -17.9965, -14.4740.

-14.4740.

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

153.5040, -17.9965, -14.4740

Protanopia

157.6430, -22.0090, 12.5911

Deuteranopia

159.4040, -19.4262, 24.2017



Tritanopia

158.6980, 8.0369, -11.1361

Trichromacy



Original Color

153.5040, -17.9965, -14.4740

Protanomaly

156.2180, -20.8135, 2.4398

Deuteranomaly

157.4300, -18.9460, 10.1469

Tritanomaly

157.1680, -1.5618, -12.4253

Monochromacy



Original Color

153.5040, -17.9965, -14.4740

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.6590, -6.2409, -4.9629

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5040, -17.9965, -14.4740 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(137, 169, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 117)  
}
```

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(137, 169, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 117) }
```

Border

The CSS property to change the border of an element to YUV 153.5040, -17.9965, -14.4740 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(137, 169, 117) }
```


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

```
.border{ border-color:rgb(137, 169, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 169, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 169, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 169, 117);  
box-shadow:4px 4px 4px 4px rgb(137, 169,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 153.5040, -17.9965, -14.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 169, 117) }
```

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

```
.background{ background-color: rgb(137,  
169, 117) }
```

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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