

Converting Colors

YUV(174.5710, -36.2705,
13.5312)

Have a look what the booklet for
YUV(174.5710, -36.2705, 13.5312)
contains.

YUV(174.5710, -36.2705, 13.5312)	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(174.5710, -36.2705,
13.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB565
RGB	190, 181, 101
RGB Percent	75%, 71%, 40%
CMY	0.2549, 0.2902, 0.6039
CMYK	0.00, 0.05, 0.47, 0.25
HSL	54°, 41%, 57%
HSV	54°, 47%, 75%
XYZ	40.1080, 44.9345, 18.8712
YIQ	174.5710, 31.0440, -22.9720

Conversions

Conversions Part 2

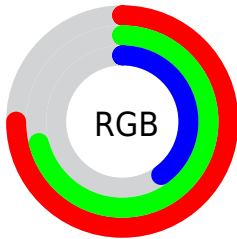
Format	Color
RYB	111, 190, 101
Decimal	12498277
CIELab	72.85, -7.94, 41.68
CIELCh	73, 42.428, 100.782
Yxy	44.9345, 0.3860, 0.4324
Android (android.graphics.Color)	4290688357 (0xFFBEB565)
YUV	174.5710, -36.2705, 13.5312
Hunter-Lab	67.0332, -10.5060, 30.2319

Details

The YUV color $174.5710, -36.2705, 13.5312$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $116.4290, 36.2705, -13.5312$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.7130, -38.3125, 15.1607$, and $121.3150, -34.6653, 12.0017$ is the 20% darker color. If you saturate the color by 10%, you get $171.2310, -43.9909, 16.4604$, and if you desaturate by 10%, it is $177.9110, -28.5501, 10.6021$.

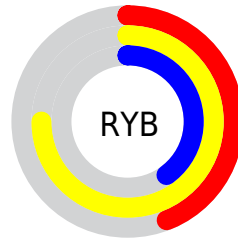
Distribution



Red (75%)

Green (71%)

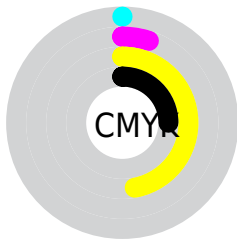
Blue (40%)



Red (44%)

Yellow (75%)

Blue (40%)

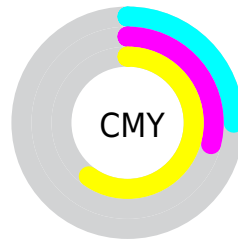


Cyan (0%)

Magenta (5%)

Yellow (47%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5710, -36.2705, 13.5312 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 174.5710, -36.2705, 13.5312 by changing the saturation by 10% instead.

■ 174.5710,
-36.2705, 13.5312

■ 174.5710,
-36.2705, 13.5312

255.0000, 0.0000,
0.0000

■ 147.5000,
-35.2495, 12.7165

■ 230.7130,
-38.3125, 15.1607

■ 121.3150,
-34.6653, 12.0017

■ 246.5640,
-32.3231, 7.3984

■ 95.7170, -34.3705,
10.7722

■ 249.7560,
-20.0927, 4.5990

■ 71.4780, -35.2387,
9.2278

■ 252.9480, -7.8624,
1.7996

■ 50.8010, -25.0449,
6.3135

■ 30.9990, -15.2825,
1.7549

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 174.5710,
-36.2705, 13.5312

■ 174.5710,
-36.2705, 13.5312

■ 171.2310,
-43.9909, 16.4604

■ 177.9110,
-28.5501, 10.6021

■ 167.8910,
-51.7113, 19.3896

■ 181.2510,
-20.8297, 7.6729

■ 164.5510,
-59.4316, 22.3188

■ 184.5910,
-13.1094, 4.7437

■ 161.2110,
-67.1520, 25.2480

■ 187.9310, -5.3890,
1.8145

■ 157.8710,
-74.8724, 28.1771

■ 191.2710, 2.3314,
-1.1147

■ 157.1870,
-77.4932, 28.7770

■ 194.6110, 10.0518,
-4.0438

■ 197.3640, 18.0615,
-6.4582

■ 200.7040, 25.7819,
-9.3874

■ 202.1060, 26.0767,
-10.6170

Harmonies

Analogous

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



177.9750, -35.4837, 41.2409



174.5710, -36.2705, 13.5312



169.5220, -25.4003, -19.7518

Triad

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



174.5710, -36.2705, 13.5312



141.6310, 42.5799, -124.2104



183.1690, 10.7627, 48.0868

Complementary

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



174.5710, -36.2705, 13.5312



116.4290, 36.2705, -13.5312

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.



182.9120, 27.1584, 15.8632



174.5710, -36.2705, 13.5312



160.4760, 44.6283, -81.1015

Square

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



174.5710, -36.2705, 13.5312



143.1860, 24.0653, -112.4191



176.6120, 38.6453, -28.6007



181.7460, -7.7628, 63.3668

Rectangle

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



174.5710, -36.2705, 13.5312



165.3970, -12.5207, -44.1982



176.6120, 38.6453, -28.6007



183.8950, 16.3208, 38.6801

Sweetspot

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



174.5710, -36.2705, 13.5312



241.3630, -13.9830, 4.9436



128.7510, -8.7512, 53.7154



121.4320, -8.5940, 3.1291



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



174.5710, -36.2705, 13.5312



223.0500, -56.2266, 21.0042



169.6880, -33.8632, -12.0044



92.3870, -3.6418, 1.4146



130.5960, -64.3838, 24.0333



25.7050, -12.6726, 4.6437

Inverse Universe

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



116.4290, 36.2705, -13.5312



132.9500, 56.2267, -21.0041



121.3120, 33.8632, 12.0044



86.6130, 3.6418, -1.4146



27.4040, 64.3838, -24.0333



5.2950, 12.6726, -4.6437

Previews

White Background



This preview shows how the YUV color 174.5710, -36.2705, 13.5312 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 174.5710, -36.2705, 13.5312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

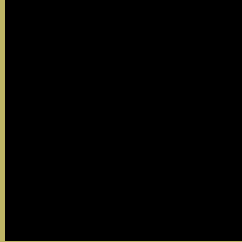
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.5710, -36.2705, 13.5312

Background



This preview shows how black text looks on a background with the YUV color 174.5710, -36.2705, 13.5312.



This preview shows how white text looks on a background with the YUV color 174.5710, -36.2705, 13.5312.

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

174.5710, -36.2705, 13.5312

Protanopia

175.0770, -37.0130, 18.3495

Deuteranopia

177.3010, -36.6304, 35.6930



Tritanopia

180.9680, 1.9878, 15.8141

Trichromacy



Original Color

174.5710, -36.2705, 13.5312

Protanomaly

175.0660, -37.0075, 16.6051

Deuteranomaly

176.5450, -36.7507, 27.5860

Tritanomaly

178.8850, -12.2683, 15.0099

Monochromacy



Original Color

174.5710, -36.2705, 13.5312

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.5910, -13.1094, 4.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5710, -36.2705, 13.5312 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(190, 181, 101)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 101)  
}
```

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(190, 181, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 101) }
```

Border

The CSS property to change the border of an element to YUV 174.5710, -36.2705, 13.5312 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(190, 181, 101) }
```


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

```
.border{ border-color:rgb(190, 181, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 181, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 101);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 174.5710, -36.2705, 13.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 101) }
```

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

```
.background{ background-color: rgb(190,  
181, 101) }
```

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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