

Converting Colors

YUV(174.0460, -30.0957,
-7.0563)

Have a look what the booklet for
YUV(174.0460, -30.0957, -7.0563)
contains.

YUV(174.0460, -30.0957, -7.0563)	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(174.0460, -30.0957,
-7.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BE71
RGB	166, 190, 113
RGB Percent	65%, 75%, 44%
CMY	0.3490, 0.2549, 0.5569
CMYK	0.13, 0.00, 0.41, 0.25
HSL	79°, 37%, 59%
HSV	79°, 41%, 75%
XYZ	37.1200, 46.1262, 22.5696
YIQ	174.0460, 10.4130, -29.0350

Conversions

Conversions Part 2

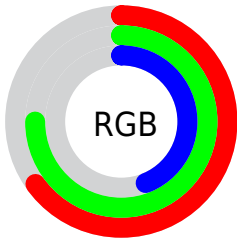
Format	Color
RYB	113, 190, 137
Decimal	10927729
CIELab	73.63, -20.85, 36.17
CIELCh	74, 41.745, 119.961
Yxy	46.1262, 0.3508, 0.4359
Android (android.graphics.Color)	4289117809 (0xFFA6BE71)
YUV	174.0460, -30.0957, -7.0563
Hunter-Lab	67.9162, -21.2933, 27.8384

Details

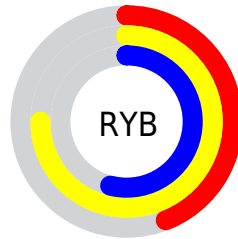
The YUV color $174.0460, -30.0957, -7.0563$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $128.9540, 30.0957, 7.0563$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.7040, -31.4061, -6.7564$, and $121.3880, -28.7853, -7.3563$ is the 20% darker color. If you saturate the color by 10%, you get $170.0860, -37.5104, -8.8454$, and if you desaturate by 10%, it is $178.0060, -22.6810, -5.2673$.

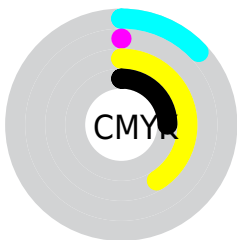
Distribution



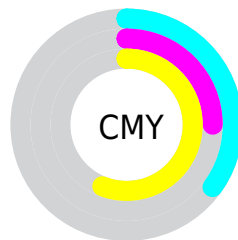
- Red (65%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0460, -30.0957, -7.0563 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 174.0460, -30.0957, -7.0563 by changing the saturation by 10% instead.

■ 174.0460,
-30.0957, -7.0563

■ 174.0460,
-30.0957, -7.0563

■ 255.0000, 0.0000,
0.0000

■ 147.2740,
-29.2221, -7.2563

■ 229.7040,
-31.4061, -6.7564

■ 121.3880,
-28.7853, -7.3563

■ 246.7360,
-26.4918, 3.7395

■ 95.6160, -27.9117,
-7.5562

■ 251.2380,
-14.4143, 3.2993

■ 71.2030, -28.2011,
-8.0710

■ 254.4300, -2.1840,
0.4999

■ 48.6420, -23.9805,
-8.4560

■ 28.2530, -13.9287,
-12.4999

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 174.0460,
-30.0957, -7.0563

■ 174.0460,
-30.0957, -7.0563

■ 170.0860,
-37.5104, -8.8454

■ 178.0060,
-22.6810, -5.2673

■ 166.1260,
-44.9251, -10.6345

■ 181.9660,
-15.2662, -3.4782

■ 162.1660,
-52.3398, -12.4236

■ 185.9260, -7.8515,
-1.6891

■ 158.2060,
-59.7546, -14.2127

■ 189.8860, -0.4368,
0.1000

■ 154.2460,
-67.1693, -16.0017

■ 193.8460, 6.9779,
1.8891

■ 150.6990,
-74.2946, -17.2760

■ 197.8060, 14.3926,
3.6781

■ 201.4670, 21.9548,
4.8524

■ 204.2870, 25.0015,
7.6413

■ 206.0810, 24.1171,
11.3300

Harmonies

Analogous

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



178.4090, -37.1766, 24.1973



174.0460, -30.0957, -7.0563



168.1800, -13.3997, -42.2539

Triad

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



174.0460, -30.0957, -7.0563



155.0670, 44.8300, -99.1598



184.7330, -1.3474, 58.9932

Complementary

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



174.0460, -30.0957, -7.0563



128.9540, 30.0957, 7.0563

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.



186.2970, 16.6156, 37.4505



174.0460, -30.0957, -7.0563



174.4420, 39.7151, -45.1146

Square

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



174.0460, -30.0957, -7.0563



142.2520, 37.3438, -124.7550



183.8500, 31.1329, 1.0085



182.8740, -18.6719, 62.3775

Rectangle

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



174.0460, -30.0957, -7.0563



161.4400, 2.2481, -67.9149



183.8500, 31.1329, 1.0085



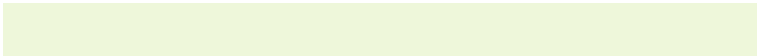
185.3070, 4.7786, 54.1048

Sweetspot

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



174.0460, -30.0957, -7.0563



241.0030, -11.3405, -2.6336



149.5240, -18.0063, 35.4975



121.1540, -6.9779, -1.8891



252.0000, 0.0000, 0.0000



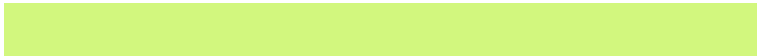
125.0000, 0.0000, 0.0000

Same Dimension

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



174.0460, -30.0957, -7.0563



222.1430, -47.3985, -10.6494



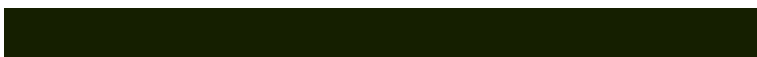
162.6840, -24.4942, -30.4179



92.0770, -3.4890, -0.9445



125.3370, -61.7911, -14.3275



24.4760, -12.0667, -3.0485

Inverse Universe

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



128.9540, 30.0957, 7.0563



151.1560, 47.2511, 11.2642



140.3160, 24.4942, 30.4179



86.9230, 3.4890, 0.9445



32.6630, 61.7911, 14.3275



6.5240, 12.0667, 3.0485

Previews

White Background



This preview shows how the YUV color 174.0460, -30.0957, -7.0563 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 174.0460, -30.0957, -7.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

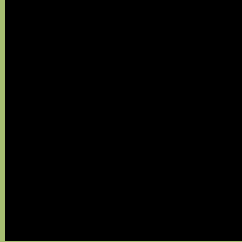
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0460, -30.0957, -7.0563

Background



This preview shows how black text looks on a background with the YUV color 174.0460, -30.0957, -7.0563.



This preview shows how white text looks on a background with the YUV color 174.0460, -30.0957, -7.0563.

-7.0563.

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

174.0460, -30.0957, -7.0563

Protanopia

177.5760, -33.8080, 17.0348

Deuteranopia

179.7720, -30.9466, 32.6490



Tritanopia

180.8130, 6.9942, -3.3440

Trichromacy



Original Color

174.0460, -30.0957, -7.0563

Protanomaly

176.1620, -32.6179, 8.6279

Deuteranomaly

177.4990, -30.3190, 17.9794

Tritanomaly

178.5450, -6.6777, -4.8630

Monochromacy



Original Color

174.0460, -30.0957, -7.0563

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1170, -10.9037, -2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0460, -30.0957, -7.0563 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(166, 190, 113)` looks like.

```
.text, #text, p{  
    color:rgb(166, 190, 113)  
}
```

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(166, 190, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 190, 113) }
```

Border

The CSS property to change the border of an element to YUV 174.0460, -30.0957, -7.0563 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(166, 190, 113) }
```


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

```
.border{ border-color:rgb(166, 190, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 190, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 190, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 190, 113);  
box-shadow:4px 4px 4px 4px rgb(166, 190,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 174.0460, -30.0957, -7.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 190, 113) }
```

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

```
.background{ background-color: rgb(166,  
190, 113) }
```

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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