

Converting Colors

YUV(174.6020, -36.7788,
-10.1750)

Have a look what the booklet for
YUV(174.6020, -36.7788, -10.1750)
contains.

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Color

**YUV(174.6020, -36.7788,
-10.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C364
RGB	163, 195, 100
RGB Percent	64%, 76%, 39%
CMY	0.3608, 0.2353, 0.6078
CMYK	0.16, 0.00, 0.49, 0.24
HSL	80°, 44%, 58%
HSV	80°, 49%, 76%
XYZ	36.9196, 47.7368, 19.3249
YIQ	174.6020, 11.4230, -36.3290

Conversions

Conversions Part 2

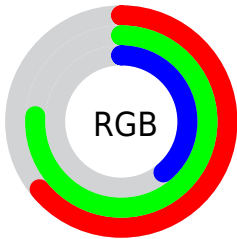
Format	Color
RYB	100, 195, 132
Decimal	10732388
CIELab	74.66, -25.95, 43.91
CIElCh	75, 51.008, 120.583
Yxy	47.7368, 0.3551, 0.4591
Android (android.graphics.Color)	4288922468 (0xFFA3C364)
YUV	174.6020, -36.7788, -10.1750
Hunter-Lab	69.0919, -25.5283, 31.7810

Details

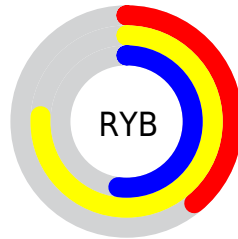
The YUV color **174.6020, -36.7788, -10.1750** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **120.3980, 36.7788, 10.1750**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8470, -38.3786, -10.3898**, and **120.9440, -35.4684, -10.4749** is the 20% darker color. If you saturate the color by 10%, you get **170.2290, -44.4829, -12.4788**, and if you desaturate by 10%, it is **178.9750, -29.0747, -7.8711**.

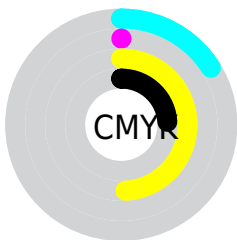
Distribution



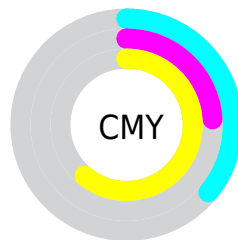
- Red (64%)
- Green (76%)
- Blue (39%)



- Red (39%)
- Yellow (76%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6020, -36.7788, -10.1750 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 174.6020, -36.7788, -10.1750 by changing the saturation by 10% instead.

■ 174.6020,
-36.7788, -10.1750

■ 174.6020,
-36.7788, -10.1750

255.0000, 0.0000,
0.0000

■ 147.8300,
-35.9052, -10.3749

■ 230.8470,
-38.3786, -10.3898

■ 120.9440,
-35.4684, -10.4749

■ 244.3570,
-31.7280, 3.1949

■ 95.5310, -35.7578,
-10.9897

■ 249.6420,
-20.5295, 4.6990

■ 70.7590, -34.8842,
-11.1896

■ 252.9480, -7.8624,
1.7996

■ 49.4950, -24.4010,
-13.5891

■ 27.6110, -13.6122,
-20.7068

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 174.6020,
-36.7788, -10.1750

■ 174.6020,
-36.7788, -10.1750

■ 170.2290,
-44.4829, -12.4788

■ 178.9750,
-29.0747, -7.8711

■ 166.2690,
-51.8976, -14.2679

■ 182.9350,
-21.6600, -6.0820

■ 162.0100,
-59.1649, -16.6718

■ 187.1940,
-14.3926, -3.6781

■ 157.9360,
-67.0164, -18.3609

■ 191.2680, -6.5411,
-1.9890

■ 153.6770,
-74.2838, -20.7647

■ 195.5270, 0.7262,
0.4148

■ 153.0360,
-75.4467, -21.0796

■ 199.6010, 8.5777,
2.1039

■ 203.9740, 16.2818,
4.4078

■ 208.1190, 23.1123,
6.9116

■ 209.9130, 22.2279,
10.6003

Harmonies

Analogous

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



179.2540, -45.4812, 27.8412



174.6020, -36.7788, -10.1750



166.0490, -14.8142, -55.2940

Triad

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



174.6020, -36.7788, -10.1750



146.4700, 53.5053, -128.4542



182.4500, 1.2572, 63.6264

Complementary

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



174.6020, -36.7788, -10.1750



120.3980, 36.7788, 10.1750

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.



189.3890, 20.5142, 47.0168



174.6020, -36.7788, -10.1750



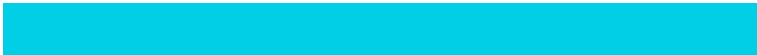
170.5220, 41.6477, -58.3398

Square

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



174.6020, -36.7788, -10.1750



147.7290, 40.5596, -129.5583



185.6590, 34.1851, 2.0531



180.0270, -20.7193, 65.7513

Rectangle

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



174.6020, -36.7788, -10.1750



151.6100, 7.5873, -100.5130



185.6590, 34.1851, 2.0531



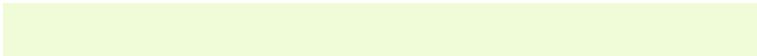
184.8610, 7.9565, 61.5119

Sweetspot

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



174.6020, -36.7788, -10.1750



244.1940, -14.3926, -3.6781



147.1890, -23.2642, 41.9302



122.9860, -8.8671, -2.6187



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.



174.6020, -36.7788, -10.1750



220.7050, -56.5496, -15.5273



160.5490, -29.8507, -39.0695



94.9630, -3.9258, -0.8446



126.5000, -62.3645, -17.1015



25.9490, -12.7929, -3.4633

Inverse Universe

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



120.3980, 36.7788, 10.1750



137.2950, 56.5496, 15.5273



134.4510, 29.8507, 39.0695



89.0370, 3.9258, 0.8446



34.5000, 62.3645, 17.1015



7.0510, 12.7929, 3.4633

Previews

White Background



This preview shows how the YUV color 174.6020, -36.7788, -10.1750 looks on a white background.

Color Contrast Check

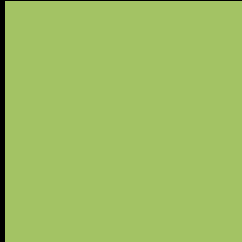
Large Text (above 18pt) WCAG AA × Fail

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 174.6020, -36.7788, -10.1750 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 174.6020, -36.7788, -10.1750 Background



This preview shows how black text looks on a background with the YUV color 174.6020, -36.7788, -10.1750.



This preview shows how white text looks on a background with the YUV color 174.6020, -36.7788, -10.1750.

-10.1750.

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

174.6020, -36.7788, -10.1750

Protanopia

178.7630, -40.8022, 20.3788

Deuteranopia

181.3720, -37.6514, 36.5078



Tritanopia

183.3180, 7.7312, -6.4179

Trichromacy



Original Color

174.6020, -36.7788, -10.1750

Protanomaly

177.0390, -39.4592, 9.6128

Deuteranomaly

178.6750, -37.3078, 19.5790

Tritanomaly

180.0670, -8.4140, -7.9518

Monochromacy



Original Color

174.6020, -36.7788, -10.1750

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8350, -13.2297, -3.3633

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6020, -36.7788, -10.1750 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(163, 195, 100)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 100)  
}
```

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(163, 195, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 100) }
```

Border

The CSS property to change the border of an element to YUV 174.6020, -36.7788, -10.1750 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(163, 195, 100) }
```


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

```
.border{ border-color:rgb(163, 195, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 195, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 195, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 195, 100);  
box-shadow:4px 4px 4px 4px rgb(163, 195,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 174.6020, -36.7788, -10.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 100) }
```

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

```
.background{ background-color: rgb(163,  
195, 100) }
```

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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