

Converting Colors

YUV(175.0620, -44.4006,
7.8386)

Have a look what the booklet for
YUV(175.0620, -44.4006, 7.8386)
contains.

YUV(175.0620, -44.4006, 7.8386)	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(175.0620, -44.4006,
7.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BC55
RGB	184, 188, 85
RGB Percent	72%, 74%, 33%
CMY	0.2784, 0.2627, 0.6667
CMYK	0.02, 0.00, 0.55, 0.26
HSL	62°, 43%, 54%
HSV	62°, 55%, 74%
XYZ	39.3901, 46.8127, 15.5540
YIQ	175.0620, 30.6790, -32.8810

Conversions

Conversions Part 2

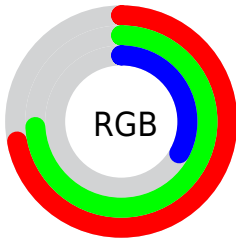
Format	Color
R _Y B	85, 188, 89
Decimal	12106837
CIE Lab	74.07, -15.45, 50.74
CIE LCh	74, 53.043, 106.936
Yxy	46.8127, 0.3871, 0.4600
Android (android.graphics.Color)	4290296917 (0xFFB8BC55)
YUV	175.0620, -44.4006, 7.8386
Hunter-Lab	68.4198, -16.9701, 34.4153

Details

The YUV color **175.0620, -44.4006, 7.8386** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **97.9380, 44.4006, -7.8386**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.3180, -46.0058, 9.3681**, and **121.4640, -44.1058, 6.6091** is the 20% darker color. If you saturate the color by 10%, you get **172.5970, -52.5523, 9.1234**, and if you desaturate by 10%, it is **177.5270, -36.2488, 6.5538**.

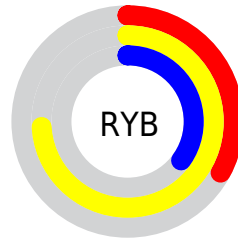
Distribution



Red (72%)

Green (74%)

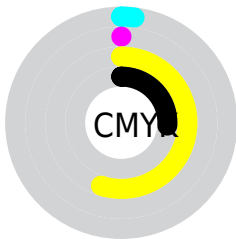
Blue (33%)



Red (33%)

Yellow (74%)

Blue (35%)

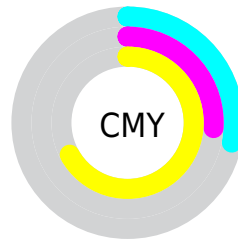


Cyan (2%)

Magenta (0%)

Yellow (55%)

Black (26%)



Cyan (28%)

Magenta (26%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0620, -44.4006, 7.8386 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 175.0620, -44.4006, 7.8386 by changing the saturation by 10% instead.

■ 175.0620,
-44.4006, 7.8386

■ 175.0620,
-44.4006, 7.8386

255.0000, 0.0000,
0.0000

■ 147.8770,
-43.8164, 7.1239

■ 231.3180,
-46.0058, 9.3681

■ 121.4640,
-44.1058, 6.6091

■ 244.7400,
-39.3118, 8.9980

■ 95.0680, -46.8685,
6.0794

■ 247.9320,
-27.0815, 6.1986

■ 72.6190, -35.8012,
2.9651

■ 251.1240,
-14.8511, 3.3993

■ 51.3440, -25.3126,
-1.1787

■ 254.4300, -2.1840,
0.4999

■ 31.5420, -15.5502,
-5.7373

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 175.0620,
-44.4006, 7.8386

■ 175.0620,
-44.4006, 7.8386

■ 172.5970,
-52.5523, 9.1234

■ 177.5270,
-36.2488, 6.5538

■ 170.4310,
-60.8515, 11.0230

■ 179.6930,
-27.9496, 4.6542

■ 168.0800,
-68.5664, 12.2078

■ 182.0440,
-20.2347, 3.4694

■ 165.6150,
-76.7182, 13.4926

■ 184.5090,
-12.0829, 2.1846

■ 164.4750,
-81.0862, 14.4924

■ 186.9740, -3.9312,
0.8998

■ 189.1400, 4.3680,
-0.9998

■ 191.6050, 12.5197,
-2.2846

■ 193.9560, 20.2347,
-3.4694

■ 196.4210, 28.3864,
-4.7542

Harmonies

Analogous

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



179.1250, -46.4036, 43.7404



175.0620, -44.4006, 7.8386



167.9670, -27.0987, -35.0511

Triad

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



175.0620, -44.4006, 7.8386



147.8890, 51.3267, -129.6987



184.2570, 10.7193, 62.0416

Complementary

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



175.0620, -44.4006, 7.8386



97.9380, 44.4006, -7.8386

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.



187.2110, 30.4620, 29.6330



175.0620, -44.4006, 7.8386



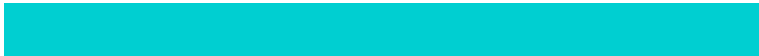
142.3610, 55.5310, -124.8506

Square

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



175.0620, -44.4006, 7.8386



145.3350, 31.3868, -127.4588



178.7050, 37.6134, -24.2973



177.3830, -10.5418, 68.0701

Rectangle

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



175.0620, -44.4006, 7.8386



159.5570, -8.6556, -70.6485



178.7050, 37.6134, -24.2973



187.1190, 16.7033, 56.0236

Sweetspot

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



175.0620, -44.4006, 7.8386



239.9560, -16.7403, 2.6696



117.5580, -16.0511, 61.7776



119.0790, -9.8989, 1.6847



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



175.0620, -44.4006, 7.8386



224.7380, -69.8768, 12.5078



159.8130, -36.8828, -23.5150



92.9740, -3.9312, 0.8998



138.1940, -68.1296, 12.1079



26.8680, -13.2459, 1.8698

Inverse Universe

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



97.9380, 44.4006, -7.8386



103.5610, 69.7294, -11.8930



113.1870, 36.8828, 23.5150



86.0260, 3.9312, -0.8998



19.8060, 68.1296, -12.1079



3.8330, 13.3933, -2.4845

Previews

White Background



This preview shows how the YUV color 175.0620, -44.4006, 7.8386 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 175.0620, -44.4006, 7.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

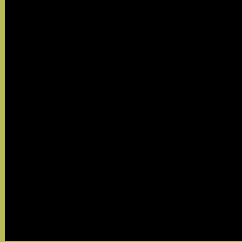
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0620, -44.4006, 7.8386

Background



This preview shows how black text looks on a background with the YUV color 175.0620, -44.4006, 7.8386.



This preview shows how white text looks on a background with the YUV color 175.0620, -44.4006, 7.8386.

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

175.0620, -44.4006, 7.8386

Protanopia

176.6940, -46.1911, 22.1934

Deuteranopia

178.6730, -44.2088, 39.7518



Tritanopia

183.9780, 3.4618, 9.6663

Trichromacy



Original Color

175.0620, -44.4006, 7.8386

Protanomaly

175.8890, -45.3013, 16.7603

Deuteranomaly

177.0090, -43.8814, 28.0561

Tritanomaly

180.6840, -14.1412, 9.0471

Monochromacy



Original Color

175.0620, -44.4006, 7.8386

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0700, -16.3035, 2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0620, -44.4006, 7.8386 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(184, 188, 85)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 85)  
}
```

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(184, 188, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 85) }
```

Border

The CSS property to change the border of an element to YUV 175.0620, -44.4006, 7.8386 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(184, 188, 85) }
```


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

```
.border{ border-color:rgb(184, 188, 85) }
```

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

Here you see how a box with a 4 pixel rgb(184, 188, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 85);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 175.0620, -44.4006, 7.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 85) }
```

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

```
.background{ background-color: rgb(184,  
188, 85) }
```

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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