

Converting Colors

YUV(174.2240, -23.2814,
0.6806)

Have a look what the booklet for
YUV(174.2240, -23.2814, 0.6806)
contains.

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Color

**YUV(174.2240, -23.2814,
0.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB77F
RGB	175, 183, 127
RGB Percent	69%, 72%, 50%
CMY	0.3137, 0.2824, 0.5020
CMYK	0.04, 0.00, 0.31, 0.28
HSL	69°, 28%, 61%
HSV	69°, 31%, 72%
XYZ	38.4434, 44.5132, 26.6444
YIQ	174.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

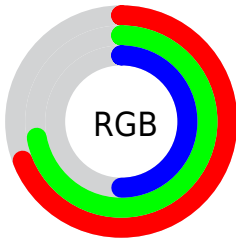
Format	Color
RYB	127, 183, 135
Decimal	11515775
CIELab	72.57, -12.00, 27.61
CIELCh	73, 30.105, 113.488
Yxy	44.5132, 0.3508, 0.4061
Android (android.graphics.Color)	4289705855 (0xFFAFB77F)
YUV	174.2240, -23.2814, 0.6806
Hunter-Lab	66.7182, -13.9042, 23.0249

Details

The YUV color $174.2240, -23.2814, 0.6806$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $135.7760, 23.2814, -0.6806$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.8820, -24.5918, 0.9805$, and $121.5660, -21.9710, 0.3806$ is the 20% darker color. If you saturate the color by 10%, you get $171.2750, -30.7016, 0.6358$, and if you desaturate by 10%, it is $177.1730, -15.8613, 0.7253$.

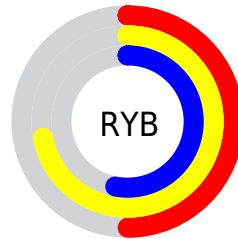
Distribution



Red (69%)

Green (72%)

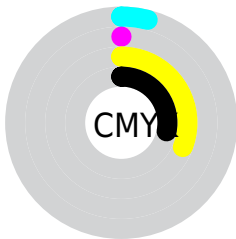
Blue (50%)



Red (50%)

Yellow (72%)

Blue (53%)

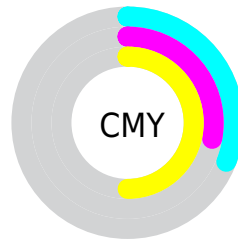


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2240, -23.2814, 0.6806 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 174.2240, -23.2814, 0.6806 by changing the saturation by 10% instead.

■ 174.2240,
-23.2814, 0.6806

■ 174.2240,
-23.2814, 0.6806

255.0000, 0.0000,
0.0000

■ 147.4520,
-22.4078, 0.4806

■ 229.8820,
-24.5918, 0.9805

■ 121.5660,
-21.9710, 0.3806

■ 249.6420,
-20.5295, 4.6990

■ 96.4950, -20.9500,
-0.4341

■ 252.8340, -8.2992,
1.8996

■ 72.6090, -20.5132,
-0.5341

■ 49.3100, -20.3658,
-1.1489

■ 29.2050, -14.3981,
-1.9338

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 174.2240,
-23.2814, 0.6806

■ 174.2240,
-23.2814, 0.6806

■ 171.2750,
-30.7016, 0.6358

■ 177.1730,
-15.8613, 0.7253

■ 168.5110,
-38.7059, 1.3059

■ 179.9370, -7.8569,
0.0553

■ 165.5620,
-46.1261, 1.2611

■ 182.8860, -0.4368,
0.1000

■ 162.9120,
-53.6936, 1.8312

■ 185.5360, 7.1308,
-0.4701

■ 159.9630,
-61.1138, 1.7864

■ 188.5990, 14.9877,
-0.5253

■ 156.9000,
-68.9707, 1.8417

■ 191.5480, 22.4078,
-0.4806

■ 154.3640,
-76.1015, 2.3118

■ 194.1980, 29.9754,
-1.0506

■ 195.0950, 29.5332,
0.7937

■ 195.9920, 29.0909,
2.6380

Harmonies

Analogous

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



176.8570, -26.5515, 22.9274



174.2240, -23.2814, 0.6806



170.7030, -13.1646, -24.2955

Triad

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



174.2240, -23.2814, 0.6806



166.0370, 27.0968, -57.9144



182.0080, 1.4751, 40.3350

Complementary

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



174.2240, -23.2814, 0.6806



135.7760, 23.2814, -0.6806

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.



182.2150, 14.1910, 21.7364



174.2240, -23.2814, 0.6806



173.3480, 28.9154, -34.5082

Square

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



174.2240, -23.2814, 0.6806



163.4850, 17.5089, -62.6923



179.5690, 23.8765, -4.8840



180.8980, -11.7817, 45.6935

Rectangle

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



174.2240, -23.2814, 0.6806



167.5360, -3.2222, -39.9351



179.5690, 23.8765, -4.8840



182.1260, 5.8539, 35.8465

Sweetspot

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



174.2240, -23.2814, 0.6806



233.7090, -8.7305, 0.2552



147.8530, -10.2805, 30.8239



117.9200, -5.3836, 0.0702



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



174.2240, -23.2814, 0.6806



223.3800, -36.6693, 1.4207



166.1510, -19.3014, -15.9184



90.3760, -3.6364, -0.3298



131.3390, -64.7501, 1.4567



23.6120, -11.6407, 0.3403

Inverse Universe

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



135.7760, 23.2814, -0.6806



162.9190, 36.5219, -0.8060



143.8490, 19.3014, 15.9184



84.3250, 3.7838, -0.2850



24.3620, 64.8975, -2.0715



4.3880, 11.6407, -0.3403

Previews

White Background



This preview shows how the YUV color 174.2240, -23.2814, 0.6806 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 174.2240, -23.2814, 0.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

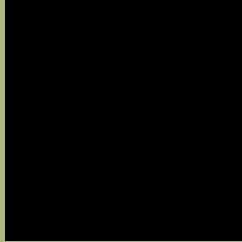
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.2240, -23.2814, 0.6806

Background



This preview shows how black text looks on a background with the YUV color 174.2240, -23.2814, 0.6806.



This preview shows how white text looks on a background with the YUV color 174.2240, -23.2814,

0.6806.

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

174.2240, -23.2814, 0.6806

Protanopia

176.1440, -25.2140, 13.9057

Deuteranopia

177.6990, -23.5156, 29.2050



Tritanopia

178.9880, 4.9359, 3.5185

Trichromacy



Original Color

174.2240, -23.2814, 0.6806

Protanomaly

175.6380, -24.4715, 9.0875

Deuteranomaly

176.6330, -23.4831, 18.7389

Tritanomaly

177.2300, -5.5364, 2.4293

Monochromacy



Original Color

174.2240, -23.2814, 0.6806

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2240, -23.2814, 0.6806 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(175, 183, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 127)  
}
```

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(175, 183, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 127) }
```

Border

The CSS property to change the border of an element to YUV 174.2240, -23.2814, 0.6806 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(175, 183, 127) }
```


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

```
.border{ border-color:rgb(175, 183, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 183, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 174.2240, -23.2814, 0.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 127) }
```

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

```
.background{ background-color: rgb(175,  
183, 127) }
```

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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