

Converting Colors

YUV(174.4370, 27.3926,
-12.6612)

Have a look what the booklet for
YUV(174.4370, 27.3926, -12.6612)
contains.

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Color

**YUV(174.4370, 27.3926,
-12.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	A0ABE6
RGB	160, 171, 230
RGB Percent	63%, 67%, 90%
CMY	0.3725, 0.3294, 0.0980
CMYK	0.30, 0.26, 0.00, 0.10
HSL	231°, 58%, 76%
HSV	231°, 30%, 90%
XYZ	43.3430, 42.3126, 80.7456
YIQ	174.4370, -25.4950, 16.0170

Conversions

Conversions Part 2

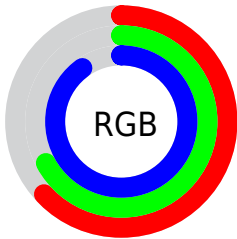
Format	Color
RYB	160, 170, 230
Decimal	10529766
CIELab	71.09, 9.48, -30.88
CIELCh	71, 32.305, 287.073
Yxy	42.3126, 0.2605, 0.2543
Android (android.graphics.Color)	4288719846 (0xFFA0ABE6)
YUV	174.4370, 27.3926, -12.6612
Hunter-Lab	65.0481, 5.1044, -28.0643

Details

The YUV color $174.4370, 27.3926, -12.6612$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $215.5630, -27.3926, 12.6612$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.3160, 14.1412, -9.0471$, and $121.3830, 25.9402, -13.4909$ is the 20% darker color. If you saturate the color by 10%, you get $156.4070, 36.2813, -17.0199$, and if you desaturate by 10%, it is $192.4670, 18.5038, -8.3026$.

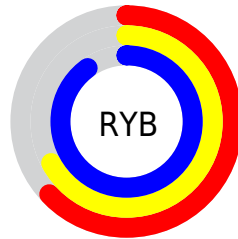
Distribution



Red (63%)

Green (67%)

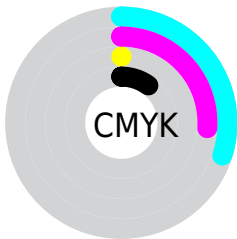
Blue (90%)



Red (63%)

Yellow (67%)

Blue (90%)

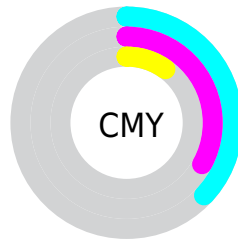


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4370, 27.3926, -12.6612 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 174.4370, 27.3926, -12.6612 by changing the saturation by 10% instead.

■ 174.4370, 27.3926,
-12.6612

■ 174.4370, 27.3926,
-12.6612

255.0000, 0.0000,
0.0000

■ 147.9100, 26.6664,
-13.0761

■ 226.3160, 14.1412,
-9.0471

■ 121.3830, 25.9402,
-13.4909

■ 252.0100, 1.4741,
-6.1478

■ 96.1550, 25.0666,
-13.2909

■ 71.9160, 24.1984,
-14.8353

■ 48.0790, 23.6251,
-17.6093

■ 24.6440, 23.3465,
-21.6128

■ 5.7000, 21.8399,

-4.9989

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 174.4370, 27.3926,
-12.6612

■ 174.4370, 27.3926,
-12.6612

■ 156.4070, 36.2813,
-17.0199

■ 192.4670, 18.5038,
-8.3026

■ 137.7900, 45.4595,
-20.8638

■ 211.0840, 9.3256,
-4.4587

■ 119.7600, 54.3483,
-25.2225

■ 229.1140, 0.4368,
-0.1000

■ 101.1430, 63.5265,
-29.0664

■ 247.7310, -8.7414,
3.7439

■ 83.1130, 72.4153,
-33.4251

■ 252.1500,
-10.9200, 2.4994

■ 65.0830, 81.3041,
-37.7838

■ 47.3520, 90.0455,
-41.5277

Harmonies

Analogous

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



166.9660, 31.5688, -45.5742



174.4370, 27.3926, -12.6612



178.4040, 17.5488, 18.0627

Triad

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



174.4370, 27.3926, -12.6612



175.3680, -21.3804, 44.4043



161.7740, -0.8746, -46.2828

Complementary

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



174.4370, 27.3926, -12.6612



215.5630, -27.3926, 12.6612

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.



166.8130, -16.6698, -20.0070



174.4370, 27.3926, -12.6612



173.5480, -27.8782, 28.4604

Square

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



174.4370, 27.3926, -12.6612



176.9030, -9.3192, 49.1971



170.1600, -26.2079, 5.9987



157.1100, 16.2148, -67.6255

Rectangle

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



174.4370, 27.3926, -12.6612



178.4400, 9.6431, 33.8171



170.1600, -26.2079, 5.9987



163.6350, -6.7221, -37.3909

Sweetspot

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



174.4370, 27.3926, -12.6612



236.9700, 8.8888, -4.3587



207.7020, 5.0769, -41.8347



116.4710, 5.6838, -3.0441



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.



174.4370, 27.3926, -12.6612



179.9340, 37.0075, -16.6051



174.8570, 27.1855, 7.1414



105.5420, 4.6628, -2.2293



36.8420, 70.0839, -32.3104



10.5100, 19.9616, -9.2173

Inverse Universe

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



182.1840, -5.5137, 41.9346



190.7020, -7.7411, 56.3893



215.1430, -27.1855, -7.1414



106.8160, -0.8953, 7.1774



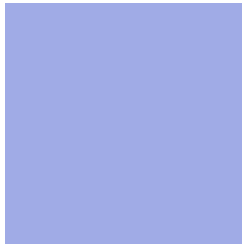
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 174.4370, 27.3926, -12.6612 looks on a white background.

Color Contrast Check

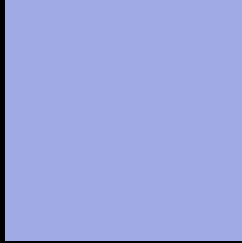
Large Text (above 18pt) WCAG AA × Fail

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 174.4370, 27.3926, -12.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

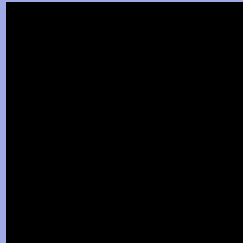
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.4370, 27.3926, -12.6612

Background



This preview shows how black text looks on a background with the YUV color 174.4370, 27.3926, -12.6612.



This preview shows how white text looks on a background with the YUV color 174.4370, 27.3926, -12.6612.

-12.6612.

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

174.4370, 27.3926, -12.6612

Protanopia

174.1270, 27.5454, -15.0204

Deuteranopia

174.4370, 27.3926, -12.6612



Tritanopia

171.8220, 9.9478, -17.3839

Trichromacy



Original Color

174.4370, 27.3926, -12.6612

Protanomaly

174.4260, 27.3980, -14.4056

Deuteranomaly

174.4370, 27.3926, -12.6612

Tritanomaly

172.5540, 16.4889, -15.3949

Monochromacy



Original Color

174.4370, 27.3926, -12.6612

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4370, 27.3926, -12.6612 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(160, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 230)  
}
```

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(160, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 230) }
```

Border

The CSS property to change the border of an element to YUV 174.4370, 27.3926, -12.6612 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(160, 171, 230) }
```


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

```
.border{ border-color:rgb(160, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 174.4370, 27.3926, -12.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 230) }
```

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

```
.background{ background-color: rgb(160,  
171, 230) }
```

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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