

Converting Colors

YUV(161.4290, 16.0575,
-17.0392)

Have a look what the booklet for
YUV(161.4290, 16.0575, -17.0392)
contains.

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Color

**YUV(161.4290, 16.0575,
-17.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA5C2
RGB	142, 165, 194
RGB Percent	56%, 65%, 76%
CMY	0.4431, 0.3529, 0.2392
CMYK	0.27, 0.15, 0.00, 0.24
HSL	213°, 30%, 66%
HSV	213°, 27%, 76%
XYZ	34.3481, 36.5561, 56.2846
YIQ	161.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

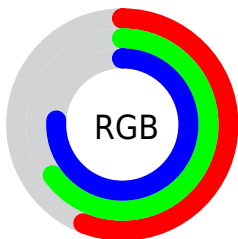
Format	Color
R _Y B	142, 158, 194
Decimal	9348546
CIE Lab	66.94, -1.37, -17.51
CIE LCh	67, 17.560, 265.531
Yxy	36.5561, 0.2701, 0.2874
Android (android.graphics.Color)	4287538626 (0xFF8EA5C2)
YUV	161.4290, 16.0575, -17.0392
Hunter-Lab	60.4616, -4.4026, -12.8708

Details

The YUV color $161.4290, 16.0575, -17.0392$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $174.5710, -16.0575, 17.0392$, and the grayscale version is $161.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.6570, 16.9311, -17.2392$, and $109.2010, 15.1839, -16.8393$ is the 20% darker color. If you saturate the color by 10%, you get $149.2910, 22.0415, -23.0572$, and if you desaturate by 10%, it is $173.5670, 10.0735, -11.0213$.

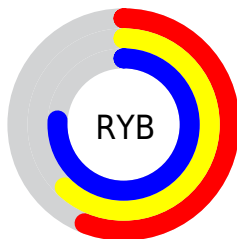
Distribution



Red (56%)

Green (65%)

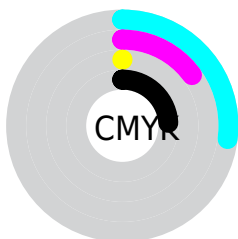
Blue (76%)



Red (56%)

Yellow (62%)

Blue (76%)

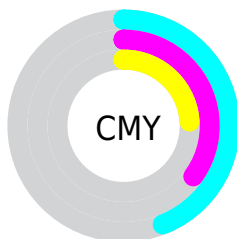


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4290, 16.0575, -17.0392 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 161.4290, 16.0575, -17.0392 by changing the saturation by 10% instead.

■ 161.4290, 16.0575,
-17.0392

■ 161.4290, 16.0575,
-17.0392

255.0000, 0.0000,
0.0000

■ 135.3150, 15.6207,
-16.9393

■ 216.6570, 16.9311,
-17.2392

■ 109.2010, 15.1839,
-16.8393

■ 241.9210, 6.4479,
-14.8397

■ 85.0870, 14.7471,
-16.7393

254.7010, 0.1474,
-0.6148

■ 61.5600, 14.0209,
-17.1541

■ 38.5490, 14.0263,
-18.8985

■ 18.5170, 12.5631,
-16.2394

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 161.4290, 16.0575,
-17.0392

■ 161.4290, 16.0575,
-17.0392

■ 149.2910, 22.0415,
-23.0572

■ 173.5670, 10.0735,
-11.0213

■ 136.8540, 28.1730,
-29.6900

■ 186.0040, 3.9420,
-4.3885

■ 125.3030, 33.8676,
-36.2227

■ 197.5550, -1.7526,
2.1443

■ 112.8660, 39.9991,
-42.8555

■ 209.9920, -7.8841,
8.7770

■ 100.7280, 45.9831,
-48.8735

■ 222.1300,
-13.8681, 14.7950

■ 88.5900, 51.9671,
-54.8914

■ 233.3710,
-19.4099, 18.9686

■ 76.1530, 58.0986,
-61.5242

■ 239.8280,
-22.5932, 13.3058

■ 72.5980, 59.8512,
-63.6684

■ 246.2850,
-25.7765, 7.6431

■ 248.0460,
-26.6447, 6.0987

Harmonies

Analogous

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



158.3090, 14.6377, -28.3350



161.4290, 16.0575, -17.0392



164.4310, 13.0985, -1.2550

Triad

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



161.4290, 16.0575, -17.0392



165.5150, -7.6489, 26.7353



159.0770, -6.9400, -14.0995

Complementary

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



161.4290, 16.0575, -17.0392



174.5710, -16.0575, 17.0392

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.



160.8570, -13.2405, 0.1254



161.4290, 16.0575, -17.0392



164.0000, -13.3110, 22.8020

Square

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



161.4290, 16.0575, -17.0392



165.8550, 0.0715, 23.8062



162.7770, -15.1731, 13.3506



157.1770, 1.3917, -26.4652

Rectangle

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



161.4290, 16.0575, -17.0392



165.2860, 9.7190, 9.3962



162.7770, -15.1731, 13.3506



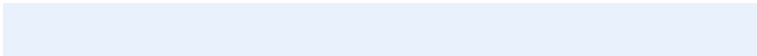
159.4150, -9.5716, -10.0110

Sweetspot

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



161.4290, 16.0575, -17.0392



239.5630, 6.1314, -6.6328



175.8300, -2.3812, -29.6689



119.4170, 4.2314, -3.8737



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.



161.4290, 16.0575, -17.0392



201.6650, 24.8152, -26.0162



148.8250, 22.2713, -3.3545



90.4880, 3.2104, -3.0590



60.0310, 49.7777, -52.6472



12.5670, 10.0735, -11.0213

Inverse Universe

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



160.1700, 2.3812, 29.6689



199.9100, 3.4954, 45.6829



187.1750, -22.2713, 3.3545



90.4460, 0.2731, 5.7479



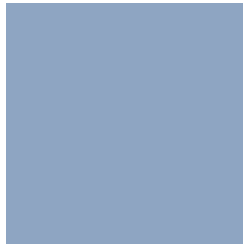
56.2330, 7.2801, 91.8807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 161.4290, 16.0575, -17.0392 looks on a white background.

Color Contrast Check

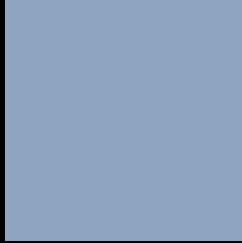
Large Text (above 18pt) WCAG AA × Fail

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 161.4290, 16.0575, -17.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

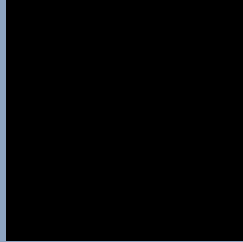
Any Text WCAG AA ✓ Pass

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 161.4290, 16.0575, -17.0392 Background



This preview shows how black text looks on a background with the YUV color 161.4290, 16.0575, -17.0392.



This preview shows how white text looks on a background with the YUV color 161.4290, 16.0575, -17.0392.

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

161.4290, 16.0575, -17.0392

Protanopia

163.2240, 13.6936, -5.4584

Deuteranopia

164.0010, 15.2825, -1.7549



Tritanopia

160.2240, 10.2426, -18.6134

Trichromacy



Original Color

161.4290, 16.0575, -17.0392

Protanomaly

162.4300, 14.5780, -9.1471

Deuteranomaly

163.0820, 15.7356, -7.0879

Tritanomaly

160.5060, 12.5685, -17.9838

Monochromacy



Original Color

161.4290, 16.0575, -17.0392

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.4290, 16.0575, -17.0392 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(142, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(142, 165, 194)  
}
```

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(142, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 165, 194) }
```

Border

The CSS property to change the border of an element to YUV 161.4290, 16.0575, -17.0392 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(142, 165, 194) }
```


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

```
.border{ border-color:rgb(142, 165, 194) }
```

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

Here you see how a box with a 4 pixel rgb(142, 165, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(142, 165,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 161.4290, 16.0575, -17.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 165, 194) }
```

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

```
.background{ background-color: rgb(142,  
165, 194) }
```

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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