

Converting Colors

YUV(165.3480, 12.1534,
-24.8612)

Have a look what the booklet for
YUV(165.3480, 12.1534, -24.8612)
contains.

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Color

**YUV(165.3480, 12.1534,
-24.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	89AFBE
RGB	137, 175, 190
RGB Percent	54%, 69%, 75%
CMY	0.4627, 0.3137, 0.2549
CMYK	0.28, 0.08, 0.00, 0.25
HSL	197°, 29%, 64%
HSV	197°, 28%, 75%
XYZ	34.9408, 39.6960, 54.5357
YIQ	165.3480, -27.4630, -3.3910

Conversions

Conversions Part 2

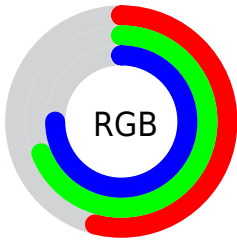
Format	Color
RYB	137, 159, 190
Decimal	9023422
CIELab	69.25, -9.29, -11.84
CIELCh	69, 15.052, 231.899
Yxy	39.6960, 0.2705, 0.3073
Android (android.graphics.Color)	4287213502 (0xFF89AFBE)
YUV	165.3480, 12.1534, -24.8612
Hunter-Lab	63.0048, -11.2670, -7.2169

Details

The YUV color $165.3480, 12.1534, -24.8612$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $161.6520, -12.1534, 24.8612$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.7500, 12.4483, -26.0907$, and $113.2340, 11.7166, -24.7612$ is the 20% darker color. If you saturate the color by 10%, you get $156.7320, 16.4011, -33.9680$, and if you desaturate by 10%, it is $173.9640, 7.9057, -15.7544$.

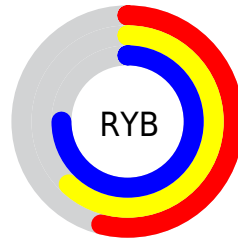
Distribution



Red (54%)

Green (69%)

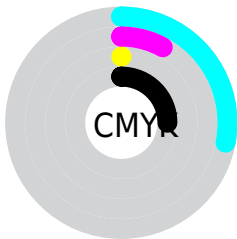
Blue (75%)



Red (54%)

Yellow (62%)

Blue (75%)

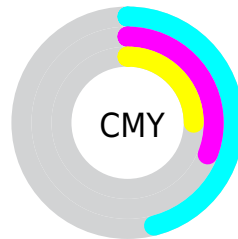


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3480, 12.1534, -24.8612 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 165.3480, 12.1534, -24.8612 by changing the saturation by 10% instead.

■ 165.3480, 12.1534,
-24.8612

■ 165.3480, 12.1534,
-24.8612

■ 255.0000, 0.0000,
0.0000

■ 138.6470, 12.0060,
-24.2464

■ 220.7500, 12.4483,
-26.0907

■ 113.2340, 11.7166,
-24.7612

■ 244.5350, 5.1592,
-21.5172

■ 88.1200, 11.2798,
-24.6612

■ 253.2060, 0.8844,
-3.6887

■ 64.1200, 11.2798,
-24.6612

■ 39.6250, 12.0169,
-27.7351

■ 22.3980, 9.6638,
-19.6430

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 165.3480, 12.1534,
-24.8612

■ 165.3480, 12.1534,
-24.8612

■ 156.7320, 16.4011,
-33.9680

■ 173.9640, 7.9057,
-15.7544

■ 147.5290, 20.9382,
-42.5599

■ 183.1670, 3.3687,
-7.1625

■ 138.9130, 25.1859,
-51.6667

■ 191.7830, -0.8790,
1.9443

■ 129.7100, 29.7230,
-60.2587

■ 200.9860, -5.4161,
10.5363

■ 121.0940, 33.9707,
-69.3654

■ 209.6020, -9.6638,
19.6430

■ 112.4780, 38.2183,
-78.4722

■ 218.2180,
-13.9115, 28.7498

■ 103.2750, 42.7554,
-87.0642

■ 222.9360,
-16.2374, 28.1201

■ 101.4920, 43.6344,
-89.0085

■ 225.8710,
-17.6844, 25.5461

■ 228.8060,
-19.1314, 22.9721

Harmonies

Analogous

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



164.3710, 7.2121, -26.6354



165.3480, 12.1534, -24.8612



167.5710, 14.0155, -15.4098

Triad

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



165.3480, 12.1534, -24.8612



171.6480, 0.6665, 19.6027



167.3240, -11.4987, 1.4699

Complementary

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



165.3480, 12.1534, -24.8612



161.6520, -12.1534, 24.8612

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.



169.2330, -13.4259, 12.9507



165.3480, 12.1534, -24.8612



171.2480, -6.0383, 23.4615

Square

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



165.3480, 12.1534, -24.8612



171.6020, 7.0982, 9.9960



170.5590, -11.1216, 20.5578



165.8000, -6.8034, -11.2256

Rectangle

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



165.3480, 12.1534, -24.8612



169.0990, 13.2622, -7.1028



170.5590, -11.1216, 20.5578



168.0040, -12.8200, 5.2585

Sweetspot

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



165.3480, 12.1534, -24.8612



238.3840, 4.2477, -9.1068



169.7070, -9.2226, -28.6840



118.7650, 3.0739, -5.9329



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



165.3480, 12.1534, -24.8612



209.2800, 18.5960, -37.9566



150.0860, 19.6776, -11.4764



90.1350, 1.9054, -4.5034



84.3430, 36.3129, -73.9688



16.4480, 7.1741, -14.4249

Inverse Universe

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



157.1790, 8.7858, 28.7840



196.8310, 13.3943, 43.9982



176.9140, -19.6776, 11.4764



88.4890, 1.7309, 4.8331



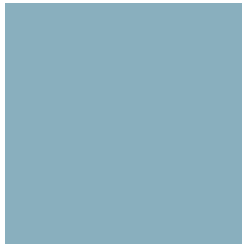
60.1240, 26.0679, 85.8373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 165.3480, 12.1534, -24.8612 looks on a white background.

Color Contrast Check

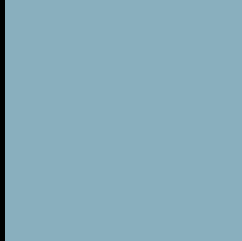
Large Text (above 18pt) WCAG AA × Fail

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 165.3480, 12.1534, -24.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

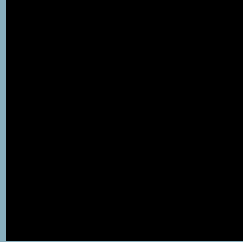
Any Text WCAG AA ✓ Pass

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 165.3480, 12.1534, -24.8612 Background



This preview shows how black text looks on a background with the YUV color 165.3480, 12.1534, -24.8612.



This preview shows how white text looks on a background with the YUV color 165.3480, 12.1534, -24.8612.

-24.8612.

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

165.3480, 12.1534, -24.8612

Protanopia

169.0520, 7.8624, -1.7996

Deuteranopia

170.1820, 10.7563, 3.3484



Tritanopia

165.2340, 11.7166, -24.7612

Trichromacy



Original Color

165.3480, 12.1534, -24.8612

Protanomaly

167.7520, 9.4893, -10.3065

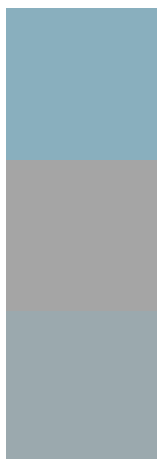
Deuteranomaly

168.5290, 11.0782, -6.6029

Tritanomaly

165.2340, 11.7166, -24.7612

Monochromacy



Original Color

165.3480, 12.1534, -24.8612

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3840, 4.2477, -9.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3480, 12.1534, -24.8612 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(137, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(137, 175, 190)  
}
```

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(137, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 175, 190) }
```

Border

The CSS property to change the border of an element to YUV 165.3480, 12.1534, -24.8612 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(137, 175, 190) }
```


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

```
.border{ border-color:rgb(137, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(137, 175,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 165.3480, 12.1534, -24.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 175, 190) }
```

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

```
.background{ background-color: rgb(137,  
175, 190) }
```

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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