

Converting Colors

YUV(165.4590, 7.1687,
-12.6805)

Have a look what the booklet for
YUV(165.4590, 7.1687, -12.6805)
contains.

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Color

**YUV(165.4590, 7.1687,
-12.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	97AAB4
RGB	151, 170, 180
RGB Percent	59%, 67%, 71%
CMY	0.4078, 0.3333, 0.2941
CMYK	0.16, 0.06, 0.00, 0.29
HSL	201°, 16%, 65%
HSV	201°, 16%, 71%
XYZ	35.3754, 38.6240, 48.7707
YIQ	165.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

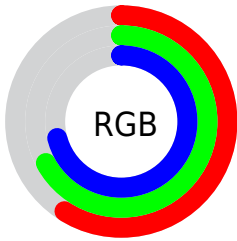
Format	Color
RYB	151, 162, 180
Decimal	9939636
CIELab	68.48, -4.47, -7.37
CIELCh	68, 8.623, 238.772
Yxy	38.6240, 0.2881, 0.3146
Android (android.graphics.Color)	4288129716 (0xFF97AAB4)
YUV	165.4590, 7.1687, -12.6805
Hunter-Lab	62.1482, -7.1553, -3.0239

Details

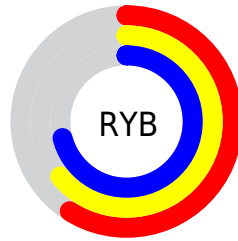
The YUV color **165.4590, 7.1687, -12.6805** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.5410, -7.1687, 12.6805**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2740, 7.7529, -13.3953**, and **113.6440, 6.5845, -11.9658** is the 20% darker color. If you saturate the color by 10%, you get **156.5550, 11.5584, -20.6577**, and if you desaturate by 10%, it is **174.3630, 2.7790, -4.7034**.

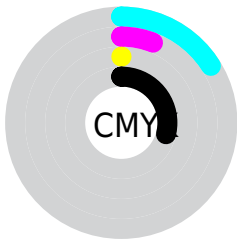
Distribution



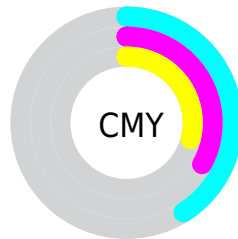
- Red (59%)
- Green (67%)
- Blue (71%)



- Red (59%)
- Yellow (64%)
- Blue (71%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4590, 7.1687, -12.6805 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 165.4590, 7.1687, -12.6805 by changing the saturation by 10% instead.

■ 165.4590, 7.1687,
-12.6805

■ 165.4590, 7.1687,
-12.6805

■ 255.0000, 0.0000,
0.0000

■ 139.3450, 6.7319,
-12.5806

■ 220.2740, 7.7529,
-13.3953

■ 113.6440, 6.5845,
-11.9658

■ 248.1340, 3.3849,
-12.3955

■ 88.9430, 6.4371,
-11.3510

■ 65.5300, 6.1477,
-11.8658

■ 42.8290, 6.0003,
-11.2510

■ 22.4160, 5.7109,
-11.7658

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 165.4590, 7.1687,
-12.6805

■ 165.4590, 7.1687,
-12.6805

■ 156.5550, 11.5584,
-20.6577

■ 174.3630, 2.7790,
-4.7034

■ 147.6510, 15.9481,
-28.6349

■ 183.2670, -1.6106,
3.2738

■ 138.1600, 20.6271,
-36.0973

■ 192.7580, -6.2897,
10.7362

■ 129.2560, 25.0168,
-44.0745

■ 201.6620,
-10.6794, 18.7134

■ 120.3520, 29.4065,
-52.0517

■ 210.5660,
-15.0690, 26.6906

■ 111.4480, 33.7961,
-60.0289

■ 218.2740,
-18.8691, 32.2087

■ 102.5440, 38.1858,
-68.0061

■ 221.7960,
-20.6054, 29.1199

■ 93.0530, 42.8649,
-75.4685

■ 225.9050,
-22.6312, 25.5163

■ 89.7860, 44.4755,
-78.7423

■ 229.4270,
-24.3675, 22.4275

Harmonies

Analogous

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



164.4650, 4.7008, -14.4398



165.4590, 7.1687, -12.6805



166.9050, 7.4418, -6.9327

Triad

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



165.4590, 7.1687, -12.6805



168.9630, -0.4748, 12.3104



165.9800, -6.3991, -0.8595

Complementary

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



165.4590, 7.1687, -12.6805



165.5410, -7.1687, 12.6805

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.



166.7960, -7.2944, 6.3179



165.4590, 7.1687, -12.6805



168.3500, -4.1165, 13.7251

Square

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



165.4590, 7.1687, -12.6805



168.5540, 3.1779, 7.4071



167.9430, -6.8739, 11.4510



165.1470, -3.0305, -8.0219

Rectangle

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



165.4590, 7.1687, -12.6805



167.5250, 7.1362, -2.2144



167.9430, -6.8739, 11.4510



166.1760, -6.9888, 1.5996

Sweetspot

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



165.4590, 7.1687, -12.6805



229.0640, 2.9264, -5.3181



169.1630, -4.0244, -15.9290



113.7330, 1.6106, -3.2738



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



165.4590, 7.1687, -12.6805



212.1530, 11.2636, -19.4282



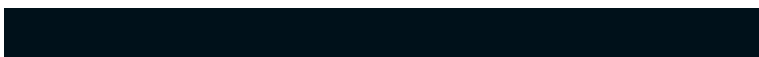
157.2410, 11.2202, -5.4734



84.5480, 2.1948, -3.9886



76.1420, 37.8910, -66.7765



12.9430, 6.4371, -11.3510

Inverse Universe

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



161.8370, 4.0244, 15.9290



206.7610, 6.0338, 24.7656



173.7590, -11.2202, 5.4734



83.3750, 1.2941, 4.9331



57.1470, 21.1265, 84.0631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 165.4590, 7.1687, -12.6805 looks on a white background.

Color Contrast Check

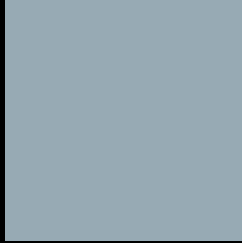
Large Text (above 18pt) WCAG AA × Fail

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 165.4590, 7.1687, -12.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

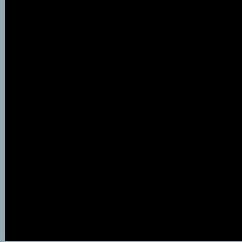
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

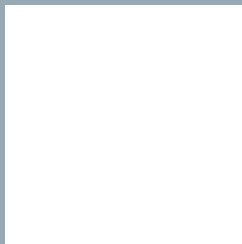
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.4590, 7.1687, -12.6805

Background



This preview shows how black text looks on a background with the YUV color 165.4590, 7.1687, -12.6805.



This preview shows how white text looks on a background with the YUV color 165.4590, 7.1687, -12.6805.

-12.6805.

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

165.4590, 7.1687, -12.6805

Protanopia

167.5530, 4.6574, -0.4850

Deuteranopia

168.4660, 6.6723, 6.6073



Tritanopia

166.1000, 8.3317, -12.3657

Trichromacy



Original Color

165.4590, 7.1687, -12.6805

Protanomaly

166.4600, 5.6892, -4.7884

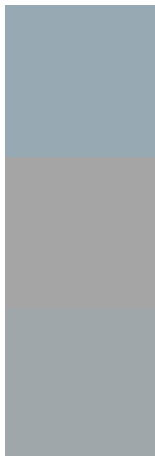
Deuteranomaly

167.4220, 6.6940, -0.3701

Tritanomaly

165.9860, 7.8949, -12.2657

Monochromacy



Original Color

165.4590, 7.1687, -12.6805

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2490, 2.3422, -4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4590, 7.1687, -12.6805 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(151, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(151, 170, 180)  
}
```

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(151, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 170, 180) }
```

Border

The CSS property to change the border of an element to YUV 165.4590, 7.1687, -12.6805 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(151, 170, 180) }
```


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

```
.border{ border-color:rgb(151, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(151, 170,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 165.4590, 7.1687, -12.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 170, 180) }
```

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

```
.background{ background-color: rgb(151,  
170, 180) }
```

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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