

Converting Colors

YUV(168.0520, -12.3506,
-5.3076)

Have a look what the booklet for
YUV(168.0520, -12.3506, -5.3076)
contains.

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Color

**YUV(168.0520, -12.3506,
-5.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B08F
RGB	162, 176, 143
RGB Percent	64%, 69%, 56%
CMY	0.3647, 0.3098, 0.4392
CMYK	0.08, 0.00, 0.19, 0.31
HSL	85°, 17%, 63%
HSV	85°, 19%, 69%
XYZ	35.3836, 40.7152, 31.9805
YIQ	168.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

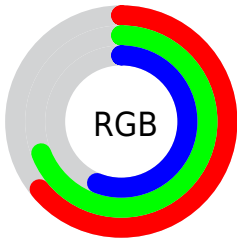
Format	Color
RYB	143, 176, 157
Decimal	10662031
CIELab	69.98, -10.90, 15.29
CIELCh	70, 18.777, 125.484
Yxy	40.7152, 0.3274, 0.3767
Android (android.graphics.Color)	4288852111 (0xFFA2B08F)
YUV	168.0520, -12.3506, -5.3076
Hunter-Lab	63.8085, -12.6817, 14.9501

Details

The YUV color **168.0520, -12.3506, -5.3076** is a light color, and the websafe version is hex **999966**. A complement of this color would be **150.9480, 12.3506, 5.3076**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5250, -13.0768, -5.7224**, and **116.2800, -11.4770, -5.5076** is the 20% darker color. If you saturate the color by 10%, you get **163.9070, -19.1812, -7.8114**, and if you desaturate by 10%, it is **172.1970, -5.5201, -2.8038**.

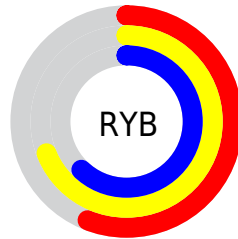
Distribution



Red (64%)

Green (69%)

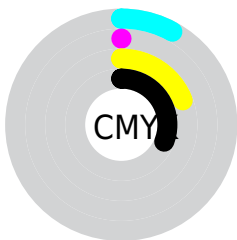
Blue (56%)



Red (56%)

Yellow (69%)

Blue (62%)

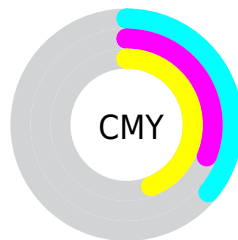


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (36%)

Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0520, -12.3506, -5.3076 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 168.0520, -12.3506, -5.3076 by changing the saturation by 10% instead.

■ 168.0520,
-12.3506, -5.3076

■ 168.0520,
-12.3506, -5.3076

255.0000, 0.0000,
0.0000

■ 141.4650,
-12.0612, -4.7928

■ 223.5250,
-13.0768, -5.7224

■ 116.2800,
-11.4770, -5.5076

■ 248.8890,
-11.7773, -2.5337

■ 91.6930, -11.1876,
-4.9928

254.8860, -0.4368,
0.1000

■ 67.8070, -10.7509,
-5.0927

■ 45.3340, -10.0247,
-4.6779

■ 24.4760, -12.0667,
-3.0485

■ 0.0000, 0.0000,

0.0000

■ 168.0520,
-12.3506, -5.3076

■ 168.0520,
-12.3506, -5.3076

■ 163.9070,
-19.1812, -7.8114

■ 172.1970, -5.5201,
-2.8038

■ 159.5770,
-25.4275, -11.0300

■ 176.5270, 0.7262,
0.4148

■ 155.4320,
-32.2580, -13.5339

■ 180.6720, 7.5567,
2.9187

■ 151.1020,
-38.5043, -16.7525

■ 185.0020, 13.8030,
6.1372

■ 146.9570,
-45.3348, -19.2563

■ 189.1470, 20.6335,
8.6411

■ 142.5130,
-52.0179, -22.3749

■ 193.5910, 27.3166,
11.7597

■ 138.4820,
-58.4116, -24.9787

■ 196.3680, 28.9056,
15.4633

■ 134.0380,
-65.0947, -28.0973

■ 198.7600, 27.7263,
20.3815

■ 133.5110,
-65.8209, -28.5121

■ 200.8530, 26.6945,
24.6849

Harmonies

Analogous

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



170.1140, -16.3252, 9.5470



168.0520, -12.3506, -5.3076



166.2010, -5.0291, -20.3473

Triad

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



168.0520, -12.3506, -5.3076



167.1780, 16.6742, -28.2201



174.0790, -2.9969, 27.9947

Complementary

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



168.0520, -12.3506, -5.3076



150.9480, 12.3506, 5.3076

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.



174.2010, 5.3239, 19.1177



168.0520, -12.3506, -5.3076



170.3910, 17.0622, -12.6209

Square

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



168.0520, -12.3506, -5.3076



164.6950, 12.4754, -34.8125



173.3500, 12.6455, 4.0781



173.4290, -10.5645, 28.5648

Rectangle

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



168.0520, -12.3506, -5.3076



165.1660, 1.3972, -28.2096



173.3500, 12.6455, 4.0781



173.8660, 0.0661, 25.5505

Sweetspot

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



168.0520, -12.3506, -5.3076



226.6100, -5.2307, -2.2890



161.0850, -8.9159, 13.0805



112.8920, -2.9048, -1.6593



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



168.0520, -12.3506, -5.3076



217.0810, -19.7599, -8.8410



163.2680, -9.9921, -15.1440



86.7780, -3.3416, -1.5593



116.1230, -57.2486, -24.6639



19.7470, -9.7353, -4.1631

Inverse Universe

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



150.9480, 12.3506, 5.3076



189.6200, 19.9073, 8.2263



155.7320, 9.9921, 15.1440



82.2220, 3.3416, 1.5593



36.8770, 57.2486, 24.6639



6.2530, 9.7353, 4.1631

Previews

White Background



This preview shows how the YUV color 168.0520, -12.3506, -5.3076 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 168.0520, -12.3506, -5.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

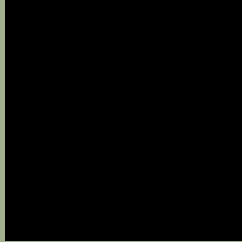
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0520, -12.3506, -5.3076

Background



This preview shows how black text looks on a background with the YUV color 168.0520, -12.3506, -5.3076.



This preview shows how white text looks on a background with the YUV color 168.0520, -12.3506, -5.3076.

-5.3076.

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

168.0520, -12.3506, -5.3076

Protanopia

169.8690, -14.7254, 9.7619

Deuteranopia

171.4020, -13.0162, 21.5724



Tritanopia

170.9980, 6.4100, -2.6292

Trichromacy



Original Color

168.0520, -12.3506, -5.3076

Protanomaly

169.0640, -13.8356, 4.3289

Deuteranomaly

170.0480, -12.8417, 12.2359

Tritanomaly

169.8640, -0.4260, -3.3887

Monochromacy



Original Color

168.0520, -12.3506, -5.3076

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1370, -4.5045, -1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0520, -12.3506, -5.3076 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(162, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 143)  
}
```

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(162, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 143) }
```

Border

The CSS property to change the border of an element to YUV 168.0520, -12.3506, -5.3076 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(162, 176, 143) }
```


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

```
.border{ border-color:rgb(162, 176, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 168.0520, -12.3506, -5.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 143) }
```

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

```
.background{ background-color: rgb(162,  
176, 143) }
```

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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