

Converting Colors

YUV(168.0240, -6.4208, 6.1180)

Have a look what the booklet for
YUV(168.0240, -6.4208, 6.1180)
contains.

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Color

**YUV(168.0240, -6.4208,
6.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA79B
RGB	175, 167, 155
RGB Percent	69%, 65%, 61%
CMY	0.3137, 0.3451, 0.3922
CMYK	0.00, 0.05, 0.11, 0.31
HSL	36°, 11%, 65%
HSV	36°, 11%, 69%
XYZ	37.4143, 39.1180, 36.5889
YIQ	168.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

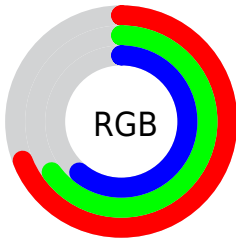
Format	Color
RYB	168, 175, 155
Decimal	11511707
CIELab	68.84, 0.77, 7.22
CIELCh	69, 7.264, 83.954
Yxy	39.1180, 0.3307, 0.3458
Android (android.graphics.Color)	4289701787 (0xFFAFA79B)
YUV	168.0240, -6.4208, 6.1180
Hunter-Lab	62.5443, -2.6731, 9.0959

Details

The YUV color **168.0240, -6.4208, 6.1180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.9760, 6.4208, -6.1180**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2090, -7.0050, 6.8327**, and **115.8390, -5.8366, 5.4032** is the 20% darker color. If you saturate the color by 10%, you get **161.9770, -11.8207, 11.4212**, and if you desaturate by 10%, it is **174.0710, -1.0210, 0.8147**.

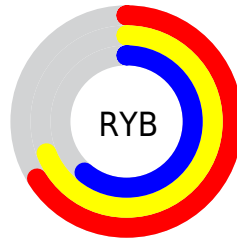
Distribution



Red (69%)

Green (65%)

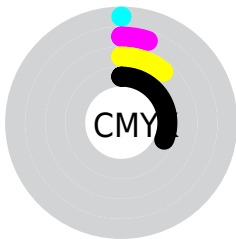
Blue (61%)



Red (66%)

Yellow (69%)

Blue (61%)

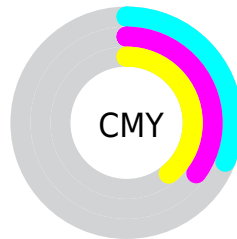


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0240, -6.4208, 6.1180 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 168.0240, -6.4208, 6.1180 by changing the saturation by 10% instead.

■ 168.0240, -6.4208,
6.1180

■ 168.0240, -6.4208,
6.1180

255.0000, 0.0000,
0.0000

■ 141.7250, -6.2734,
5.5032

■ 223.2090, -7.0050,
6.8327

■ 115.8390, -5.8366,
5.4032

■ 250.7140, -6.2680,
3.7588

■ 91.8390, -5.8366,
5.4032

■ 67.9530, -5.3998,
5.3032

■ 45.6540, -5.2524,
4.6884

■ 24.6540, -5.2524,
4.6884

■ 0.0000, 0.0000,

0.0000

■ 168.0240, -6.4208,
6.1180

■ 168.0240, -6.4208,
6.1180

■ 161.9770,
-11.8207, 11.4212

■ 174.0710, -1.0210,
0.8147

■ 155.8160,
-17.6573, 16.8244

■ 180.2320, 4.8156,
-4.5885

■ 149.6550,
-23.4939, 22.2276

■ 186.2790, 10.2155,
-9.8917

■ 143.6080,
-28.8937, 27.5308

■ 192.4400, 16.0521,
-15.2949

■ 137.5610,
-34.2936, 32.8340

■ 198.6010, 21.8887,
-20.6981

■ 131.4000,
-40.1302, 38.2372

■ 204.0780, 25.1045,
-25.5014

■ 125.3530,
-45.5300, 43.5404

■ 208.1870, 23.0788,
-29.1050

■ 119.1920,
-51.3667, 48.9436

■ 212.2960, 21.0531,
-32.7086

■ 113.9600,
-56.1823, 53.5321

■ 216.4050, 19.0273,
-36.3122

Harmonies

Analogous

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



168.6870, -5.2687, 9.9215



168.0240, -6.4208, 6.1180



167.2190, -5.5310, 0.6849

Triad

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



168.0240, -6.4208, 6.1180



166.1340, 3.3849, -12.3955



169.2440, 3.3307, 5.0480

Complementary

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



168.0240, -6.4208, 6.1180



161.9760, 6.4208, -6.1180

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.



168.7810, 5.5310, -0.6849



168.0240, -6.4208, 6.1180



166.7150, 5.5635, -11.1511

Square

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



168.0240, -6.4208, 6.1180



165.9340, 0.0325, -10.4661



167.6770, 6.5682, -6.7327



169.7670, 0.1149, 9.8513

Rectangle

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



168.0240, -6.4208, 6.1180



166.5390, -4.2097, -3.1037



167.6770, 6.5682, -6.7327



168.7600, 4.0623, 3.7185

Sweetspot

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



168.0240, -6.4208, 6.1180



224.4410, -2.1894, 2.2442



161.8920, 0.5462, 11.4957



113.2560, -1.6052, 1.5295



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.



168.0240, -6.4208, 6.1180



215.7210, -10.2155, 9.8917



172.1220, -8.4411, 0.7700



83.6260, -2.7736, 2.9590



97.6800, -48.1562, 45.8846



15.0950, -7.4418, 6.9327

Inverse Universe

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



161.9760, 6.4208, -6.1180



206.2790, 10.2155, -9.8917



157.8780, 8.4411, -0.7700



80.7870, 3.0630, -2.4442



52.3200, 48.1562, -45.8846



7.9050, 7.4418, -6.9327

Previews

White Background



This preview shows how the YUV color 168.0240, -6.4208, 6.1180 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 168.0240, -6.4208, 6.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

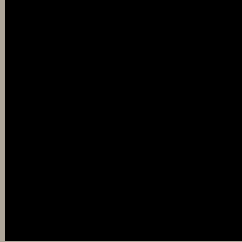
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0240, -6.4208, 6.1180

Background



This preview shows how black text looks on a background with the YUV color 168.0240, -6.4208, 6.1180.



This preview shows how white text looks on a background with the YUV color 168.0240, -6.4208,

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

168.0240, -6.4208, 6.1180

Protanopia

167.7250, -6.2734, 5.5032

Deuteranopia

169.3890, -6.6008, 17.1988



Tritanopia

169.6680, 3.6147, 7.3072

Trichromacy



Original Color

168.0240, -6.4208, 6.1180

Protanomaly

167.7250, -6.2734, 5.5032

Deuteranomaly

169.0680, -6.4425, 13.0954

Tritanomaly

169.0440, -0.0217, 6.9774

Monochromacy



Original Color

168.0240, -6.4208, 6.1180

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0240, -6.4208, 6.1180 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(175, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 155)  
}
```

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(175, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 155) }
```

Border

The CSS property to change the border of an element to YUV 168.0240, -6.4208, 6.1180 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(175, 167, 155) }
```


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

```
.border{ border-color:rgb(175, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 168.0240, -6.4208, 6.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 155) }
```

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

```
.background{ background-color: rgb(175,  
167, 155) }
```

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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