

Converting Colors

YUV(160.7180, -52.6120,
28.3113)

Have a look what the booklet for
YUV(160.7180, -52.6120, 28.3113)
contains.

YUV(160.7180, -52.6120, 28.3113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.7180, -52.6120,
28.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A536
RGB	193, 165, 54
RGB Percent	76%, 65%, 21%
CMY	0.2431, 0.3529, 0.7882
CMYK	0.00, 0.15, 0.72, 0.24
HSL	48°, 56%, 48%
HSV	48°, 72%, 76%
XYZ	36.1133, 38.5141, 9.0206
YIQ	160.7180, 52.3190, -28.5850

Conversions

Conversions Part 2

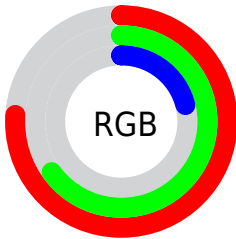
Format	Color
RYB	89, 193, 54
Decimal	12690742
CIELab	68.40, -1.64, 58.33
CIELCh	68, 58.349, 91.612
Yxy	38.5141, 0.4317, 0.4604
Android (android.graphics.Color)	4290880822 (0xFFC1A536)
YUV	160.7180, -52.6120, 28.3113
Hunter-Lab	62.0597, -4.7331, 34.8238

Details

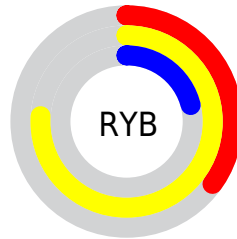
The YUV color **160.7180, -52.6120, 28.3113** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **86.2820, 52.6120, -28.3113**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0990, -53.7858, 31.4852**, and **107.5820, -53.0379, 24.9226** is the 20% darker color. If you saturate the color by 10%, you get **156.2040, -59.7536, 32.2701**, and if you desaturate by 10%, it is **165.2320, -45.4704, 24.3525**.

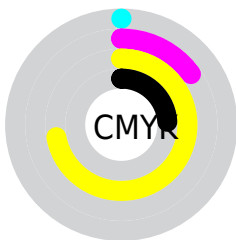
Distribution



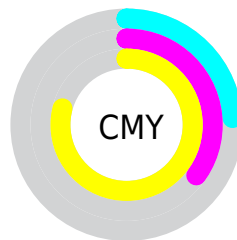
- Red (76%)
- Green (65%)
- Blue (21%)



- Red (35%)
- Yellow (76%)
- Blue (21%)



- Cyan (0%)
- Magenta (15%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (35%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7180, -52.6120, 28.3113 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 160.7180, -52.6120, 28.3113 by changing the saturation by 10% instead.

■ 160.7180,
-52.6120, 28.3113

■ 160.7180,
-52.6120, 28.3113

■ 255.0000, 0.0000,
0.0000

■ 133.3650,
-53.9169, 26.8669

■ 217.0990,
-53.7858, 31.4852

■ 107.5820,
-53.0379, 24.9226

■ 237.0970,
-50.8268, 15.7009

■ 84.5350, -41.6758,
20.5788

■ 244.3980,
-40.6222, 9.2980

■ 62.9610, -31.0398,
15.8202

■ 247.5900,
-28.3919, 6.4986

■ 42.2730, -20.8406,
11.1616

■ 250.7820,
-16.1615, 3.6992

■ 23.0580, -11.3676,
6.0881

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 160.7180,
-52.6120, 28.3113

■ 160.7180,
-52.6120, 28.3113

■ 156.2040,
-59.7536, 32.2701

■ 165.2320,
-45.4704, 24.3525

■ 151.5760,
-67.3320, 36.3288

■ 169.8600,
-37.8920, 20.2938

■ 148.1050,
-73.0158, 39.3729

■ 174.3740,
-30.7504, 16.3350

■ 178.8880,
-23.6088, 12.3762

■ 182.9290,
-15.7410, 8.8323

■ 187.4430, -8.5994,
4.8735

■ 191.9570, -1.4578,
0.9147

■ 196.4710, 5.6838,
-3.0441

■ 201.0990, 13.2622,
-7.1028

Harmonies

Analogous

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



163.7020, -44.7161, 62.5283



160.7180, -52.6120, 28.3113



155.3150, -41.5673, -14.3083

Triad

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



160.7180, -52.6120, 28.3113



137.8980, 40.9693, -120.9365



170.8290, 23.2553, 54.5240

Complementary

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



160.7180, -52.6120, 28.3113



86.2820, 52.6120, -28.3113

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.



169.7220, 42.0421, 1.9978



160.7180, -52.6120, 28.3113



137.6650, 57.8462, -120.7322

Square

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



160.7180, -52.6120, 28.3113



132.4430, 17.5296, -116.1525



145.8810, 53.7957, -81.4566



165.0220, 0.4822, 78.9107

Rectangle

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



160.7180, -52.6120, 28.3113



148.4600, -24.8768, -47.7614



145.8810, 53.7957, -81.4566



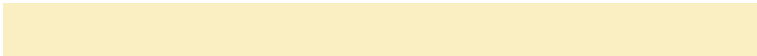
171.8640, 30.1400, 39.5843

Sweetspot

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



160.7180, -52.6120, 28.3113



237.2730, -20.8406, 11.1616



98.9810, -7.3856, 82.4547



117.1290, -12.3886, 6.9029



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.



160.7180, -52.6120, 28.3113



200.2490, -81.4678, 43.6316



165.4930, -54.9660, -10.0794



94.6860, -3.7892, 2.0294



123.2750, -60.7746, 33.0848



25.1290, -12.3886, 6.9029

Inverse Universe

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



86.2820, 52.6120, -28.3113



84.7510, 81.4678, -43.6316



81.5070, 54.9660, 10.0794



89.3140, 3.7892, -2.0294



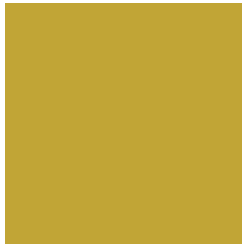
37.1380, 61.0640, -32.5700



7.8710, 12.3886, -6.9029

Previews

White Background



This preview shows how the YUV color 160.7180, -52.6120, 28.3113 looks on a white background.

Color Contrast Check

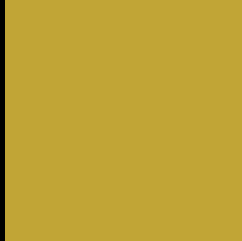
Large Text (above 18pt) WCAG AA × Fail

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 160.7180, -52.6120, 28.3113 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 160.7180, -52.6120, 28.3113

Background



This preview shows how black text looks on a background with the YUV color 160.7180, -52.6120, 28.3113.



This preview shows how white text looks on a background with the YUV color 160.7180, -52.6120, 28.3113.

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

160.7180, -52.6120, 28.3113

Protanopia

160.2120, -51.8695, 23.4931

Deuteranopia

162.2080, -52.3605, 41.0366



Tritanopia

169.4210, -1.6866, 27.6948

Trichromacy



Original Color

160.7180, -52.6120, 28.3113

Protanomaly

160.2230, -51.8749, 25.2374

Deuteranomaly

161.4740, -52.4917, 36.4183

Tritanomaly

166.1980, -20.3106, 27.8904

Monochromacy



Original Color

160.7180, -52.6120, 28.3113

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.7290, -19.0934, 10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7180, -52.6120, 28.3113 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(193, 165, 54)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 54)  
}
```

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(193, 165, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 54) }
```

Border

The CSS property to change the border of an element to YUV 160.7180, -52.6120, 28.3113 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(193, 165, 54) }
```


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

```
.border{ border-color:rgb(193, 165, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 54);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 160.7180, -52.6120, 28.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 54) }
```

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

```
.background{ background-color: rgb(193,  
165, 54) }
```

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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