

Converting Colors

YUV(152.2780, -58.8041,
7.6492)

Have a look what the booklet for
YUV(152.2780, -58.8041, 7.6492)
contains.

YUV(152.2780, -58.8041, 7.6492)	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(152.2780, -58.8041,
7.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AB21
RGB	161, 171, 33
RGB Percent	63%, 67%, 13%
CMY	0.3686, 0.3294, 0.8706
CMYK	0.06, 0.00, 0.81, 0.33
HSL	64°, 68%, 40%
HSV	64°, 81%, 67%
XYZ	29.5354, 36.8127, 6.9877
YIQ	152.2780, 38.3380, -45.0380

Conversions

Conversions Part 2

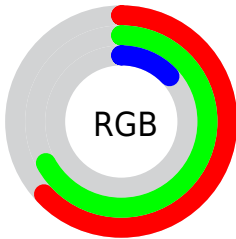
Format	Color
RYB	33, 171, 43
Decimal	10595105
CIELab	67.14, -19.68, 63.26
CIELCh	67, 66.255, 107.280
Yxy	36.8127, 0.4027, 0.5020
Android (android.graphics.Color)	4288785185 (0xFFA1AB21)
YUV	152.2780, -58.8041, 7.6492
Hunter-Lab	60.6735, -19.2862, 35.6430

Details

The YUV color **152.2780, -58.8041, 7.6492** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **51.7220, 58.8041, -7.6492**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5170, -57.9359, 9.1936**, and **101.2480, -49.9153, 3.2905** is the 20% darker color. If you saturate the color by 10%, you get **150.0410, -66.0822, 8.7340**, and if you desaturate by 10%, it is **154.5150, -51.5259, 6.5643**.

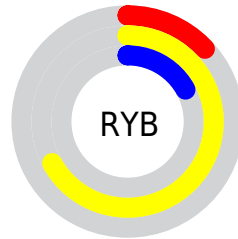
Distribution



Red (63%)

Green (67%)

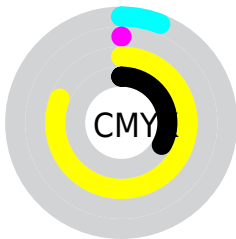
Blue (13%)



Red (13%)

Yellow (67%)

Blue (17%)

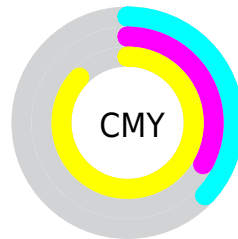


Cyan (6%)

Magenta (0%)

Yellow (81%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2780, -58.8041, 7.6492 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 152.2780, -58.8041, 7.6492 by changing the saturation by 10% instead.

■ 152.2780,
-58.8041, 7.6492

■ 152.2780,
-58.8041, 7.6492

■ 255.0000, 0.0000,
0.0000

■ 124.8820,
-61.5668, 7.1195

■ 208.5170,
-57.9359, 9.1936

■ 101.2480,
-49.9153, 3.2905

■ 237.7020,
-58.5201, 9.9083

■ 78.7990, -38.8479,
0.1763

■ 242.5740,
-47.6110, 10.8976

■ 57.2250, -28.2119,
-4.5823

■ 245.7660,
-35.3806, 8.0982

■ 35.9500, -17.7233,
-8.7261

■ 249.0720,
-22.7135, 5.1989

■ 17.0230, -8.3923,
-14.9292

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 152.2780,
-58.8041, 7.6492

■ 152.2780,
-58.8041, 7.6492

■ 150.0410,
-66.0822, 8.7340

■ 154.5150,
-51.5259, 6.5643

■ 147.9180,
-72.9236, 9.7189

■ 156.7520,
-44.2477, 5.4795

■ 159.2880,
-37.1170, 5.0094

■ 161.5250,
-29.8388, 3.9246

■ 163.8760,
-22.1239, 2.7397

■ 166.1130,
-14.8457, 1.6549

■ 168.6490, -7.7150,
1.1848

■ 170.8860, -0.4368,
0.1000

■ 173.1230, 6.8414,
-0.9849

Harmonies

Analogous

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



156.9120, -60.1026, 50.9432



152.2780, -58.8041, 7.6492



143.6960, -32.8811, -47.0914

Triad

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



152.2780, -58.8041, 7.6492



138.8560, 54.7940, -121.7767



162.5890, 14.0066, 81.0444

Complementary

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



152.2780, -58.8041, 7.6492



51.7220, 58.8041, -7.6492

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.



168.2040, 37.8604, 36.6551



152.2780, -58.8041, 7.6492



132.9690, 60.1613, -116.6138

Square

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



152.2780, -58.8041, 7.6492



135.1620, 30.4861, -118.5371



155.9020, 48.8553, -36.7481



154.5750, -11.6225, 88.0727

Rectangle

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



152.2780, -58.8041, 7.6492



124.0530, -4.4631, -108.7945



155.9020, 48.8553, -36.7481



165.7000, 22.3329, 70.4231

Sweetspot

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



152.2780, -58.8041, 7.6492



214.7620, -22.5607, 2.8397



79.5450, -22.9467, 80.2060



107.7540, -13.6827, 1.9697



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.2780, -58.8041, 7.6492



192.7060, -91.5531, 11.6588



131.9460, -48.7804, -34.1556



85.6750, -3.7838, 0.2850



129.9100, -64.0456, 8.8489



19.7800, -9.7515, 1.0699

Inverse Universe

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



51.7220, 58.8041, -7.6492



35.9950, 91.7005, -12.2736



72.0540, 48.7804, 34.1556



79.3250, 3.7838, -0.2850



20.3890, 63.8982, -8.2342



3.2200, 9.7515, -1.0699

Previews

White Background



This preview shows how the YUV color 152.2780, -58.8041, 7.6492 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 152.2780, -58.8041, 7.6492 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 152.2780, -58.8041, 7.6492

Background



This preview shows how black text looks on a background with the YUV color 152.2780, -58.8041, 7.6492.



This preview shows how white text looks on a background with the YUV color 152.2780, -58.8041,

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

152.2780, -58.8041, 7.6492

Protanopia

154.8180, -61.0423, 25.5926

Deuteranopia

157.0680, -56.7285, 42.0364



Tritanopia

164.6680, 3.6147, 7.3072

Trichromacy



Original Color

152.2780, -58.8041, 7.6492

Protanomaly

154.3010, -60.2944, 19.0300

Deuteranomaly

155.4640, -57.4168, 29.4111

Tritanomaly

160.0060, -19.2300, 7.8877

Monochromacy



Original Color

152.2780, -58.8041, 7.6492

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1040, -21.2503, 2.5398

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2780, -58.8041, 7.6492 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(161, 171, 33)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 33)  
}
```

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(161, 171, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 33) }
```

Border

The CSS property to change the border of an element to YUV 152.2780, -58.8041, 7.6492 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(161, 171, 33) }
```


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

```
.border{ border-color:rgb(161, 171, 33) }
```

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

Here you see how a box with a 4 pixel rgb(161, 171, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 33);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 152.2780, -58.8041, 7.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 33) }
```

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

```
.background{ background-color: rgb(161,  
171, 33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor