

Converting Colors

YUV(173.9040, -51.2247,
50.0732)

Have a look what the booklet for
YUV(173.9040, -51.2247, 50.0732)
contains.

YUV(173.9040, -51.2247, 50.0732)	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(173.9040, -51.2247,
50.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A546
RGB	231, 165, 70
RGB Percent	91%, 65%, 27%
CMY	0.0941, 0.3529, 0.7255
CMYK	0.00, 0.29, 0.70, 0.09
HSL	35°, 77%, 59%
HSV	35°, 70%, 91%
XYZ	47.5156, 44.3414, 11.8488
YIQ	173.9040, 69.8310, -15.5530

Conversions

Conversions Part 2

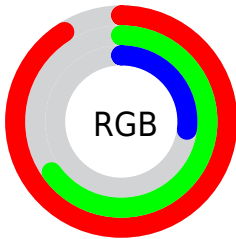
Format	Color
RYB	182, 231, 70
Decimal	15181126
CIELab	72.46, 15.55, 57.03
CIElCh	72, 59.108, 74.745
Yxy	44.3414, 0.4582, 0.4276
Android (android.graphics.Color)	4293371206 (0xFFE7A546)
YUV	173.9040, -51.2247, 50.0732
Hunter-Lab	66.5893, 10.8395, 36.0626

Details

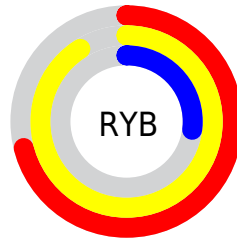
The YUV color **173.9040, -51.2247, 50.0732** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **127.0960, 51.2247, -50.0732**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4070, -47.5287, 31.2151**, and **118.7140, -53.1030, 45.8548** is the 20% darker color. If you saturate the color by 10%, you get **165.9990, -58.6665, 57.0059**, and if you desaturate by 10%, it is **181.8090, -43.7828, 43.1405**.

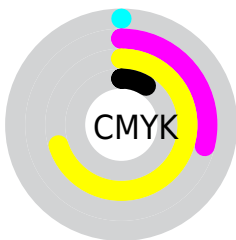
Distribution



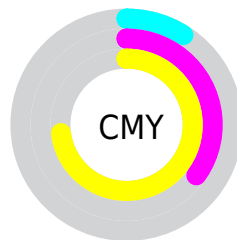
- Red (91%)
- Green (65%)
- Blue (27%)



- Red (71%)
- Yellow (91%)
- Blue (27%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9040, -51.2247, 50.0732 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 173.9040, -51.2247, 50.0732 by changing the saturation by 10% instead.

173.9040,
-51.2247, 50.0732

173.9040,
-51.2247, 50.0732

255.0000, 0.0000,
0.0000

146.5940,
-51.0718, 47.7141

219.4070,
-47.5287, 31.2151

118.7140,
-53.1030, 45.8548

238.9210,
-43.8381, 14.1013

94.7010, -46.6876,
41.4812

246.1080,
-34.0702, 7.7983

71.9420, -35.4674,
36.0079

249.3000,
-21.8399, 4.9989

50.6560, -24.9734,
30.1197

252.6060, -9.1728,
2.0995

30.2560, -14.9162,
24.3315

10.4650, -5.1592,

21.5172

■ 0.0000, 0.0000,
0.0000

■ 173.9040,
-51.2247, 50.0732

■ 173.9040,
-51.2247, 50.0732

■ 165.9990,
-58.6665, 57.0059

■ 181.8090,
-43.7828, 43.1405

■ 157.5070,
-65.8190, 64.4534

■ 190.3010,
-36.6304, 35.6930

■ 149.6020,
-73.2608, 71.3860

■ 198.2060,
-29.1886, 28.7603

■ 148.9010,
-73.4082, 72.0008

■ 206.6980,
-22.0361, 21.3129

■ 214.7170,
-14.1575, 14.2802

■ 223.2090, -7.0050,
6.8327

■ 231.1140, 0.4368,
-0.1000

■ 239.6060, 7.5892,
-7.5475

■ 244.8890, 4.9847,
-12.1807

Harmonies

Analogous

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



172.6290, -33.8341, 72.2394



173.9040, -51.2247, 50.0732



169.3630, -50.9580, 11.0826

Triad

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



173.9040, -51.2247, 50.0732



143.5910, 29.7816, -125.9293



182.5790, 35.7036, 28.4332

Complementary

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



173.9040, -51.2247, 50.0732



127.0960, 51.2247, -50.0732

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.



170.3770, 41.7191, -34.5336



173.9040, -51.2247, 50.0732



146.8290, 52.3423, -128.7690

Square

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



173.9040, -51.2247, 50.0732



135.9190, 5.4629, -119.2010



141.1870, 56.1098, -123.8210



178.6150, 14.4868, 66.9896

Rectangle

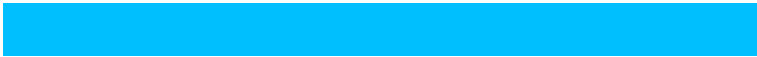
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.9040, -51.2247, 50.0732



165.3360, -40.0986, -18.7117



141.1870, 56.1098, -123.8210



180.3980, 36.7788, 10.1750

Sweetspot

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



173.9040, -51.2247, 50.0732



235.9300, -17.2205, 16.7244



125.7770, 5.5329, 92.2806



116.1340, -9.9261, 10.4065



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



173.9040, -51.2247, 50.0732



178.9480, -68.0084, 66.6976



208.7590, -68.4082, 8.1044



110.6970, -3.7946, 3.7737



115.1560, -56.7719, 55.9912



32.8590, -16.1995, 15.9097

Inverse Universe

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



127.0960, 51.2247, -50.0732



117.0520, 68.0084, -66.6976



92.2410, 68.4082, -8.1044



107.3030, 3.7946, -3.7737



63.2570, 57.0613, -55.4764



18.1410, 16.1995, -15.9097

Previews

White Background



This preview shows how the YUV color 173.9040, -51.2247, 50.0732 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 173.9040, -51.2247, 50.0732 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 173.9040, -51.2247, 50.0732

Background



This preview shows how black text looks on a background with the YUV color 173.9040, -51.2247, 50.0732.



This preview shows how white text looks on a background with the YUV color 173.9040, -51.2247, 50.0732.

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

173.9040, -51.2247, 50.0732

Protanopia

172.1240, -48.3751, 22.6933

Deuteranopia

173.4470, -51.4924, 42.5810



Tritanopia

181.1850, -6.9932, 49.8268

Trichromacy



Original Color

173.9040, -51.2247, 50.0732

Protanomaly

172.6630, -49.1339, 32.7445

Deuteranomaly

173.7570, -51.6452, 44.9401

Tritanomaly

178.6460, -22.9965, 49.4225

Monochromacy



Original Color

173.9040, -51.2247, 50.0732

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1860, -18.8257, 18.2539

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9040, -51.2247, 50.0732 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(231, 165, 70)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 70)  
}
```

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(231, 165, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 70) }
```

Border

The CSS property to change the border of an element to YUV 173.9040, -51.2247, 50.0732 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(231, 165, 70) }
```


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

```
.border{ border-color:rgb(231, 165, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 70);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 173.9040, -51.2247, 50.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 70) }
```

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

```
.background{ background-color: rgb(231,  
165, 70) }
```

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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