

Converting Colors

YUV(152.5220, -41.6693,
65.3172)

Have a look what the booklet for
YUV(152.5220, -41.6693, 65.3172)
contains.

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Color

**YUV(152.5220, -41.6693,
65.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	E38344
RGB	227, 131, 68
RGB Percent	89%, 51%, 27%
CMY	0.1098, 0.4863, 0.7333
CMYK	0.00, 0.42, 0.70, 0.11
HSL	24°, 74%, 58%
HSV	24°, 70%, 89%
XYZ	40.8382, 32.9808, 9.6824
YIQ	152.5220, 77.4390, 0.7590

Conversions

Conversions Part 2

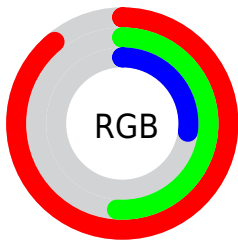
Format	Color
RYB	227, 172, 68
Decimal	14910276
CIELab	64.15, 31.84, 48.91
CIElCh	64, 58.362, 56.938
Yxy	32.9808, 0.4891, 0.3950
Android (android.graphics.Color)	4293100356 (0xFFE38344)
YUV	152.5220, -41.6693, 65.3172
Hunter-Lab	57.4290, 26.4323, 30.2041

Details

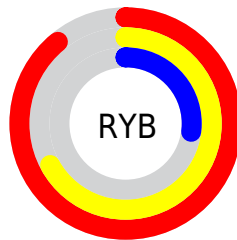
The YUV color **152.5220, -41.6693, 65.3172** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **142.4780, 41.6693, -65.3172**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4060, -39.1472, 49.6329**, and **98.5320, -40.1953, 59.1694** is the 20% darker color. If you saturate the color by 10%, you get **141.6820, -47.6642, 74.8239**, and if you desaturate by 10%, it is **163.3620, -35.6745, 55.8105**.

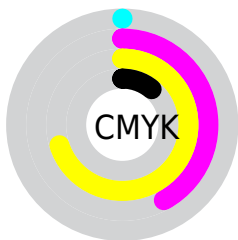
Distribution



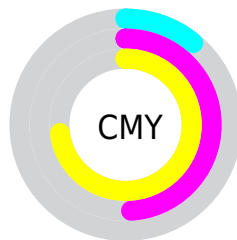
- Red (89%)
- Green (51%)
- Blue (27%)



- Red (89%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5220, -41.6693, 65.3172 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 152.5220, -41.6693, 65.3172 by changing the saturation by 10% instead.

152.5220,
-41.6693, 65.3172

152.5220,
-41.6693, 65.3172

255.0000, 0.0000,
0.0000

125.1410,
-40.4955, 62.1433

198.4060,
-39.1472, 49.6329

98.5320, -40.1953,
59.1694

217.8060,
-35.8934, 32.6191

73.5360, -36.2532,
54.7809

237.3200,
-32.2028, 15.5054

50.7770, -25.0331,
49.3076

248.7300,
-24.0239, 5.4988

27.1430, -13.3815,
45.4786

251.9220,
-11.7935, 2.6994

15.5480, -7.6652,
31.9684

4.7840, -2.3585,

9.8364

■ 0.0000, 0.0000,
0.0000

■ 152.5220,
-41.6693, 65.3172

■ 152.5220,
-41.6693, 65.3172

■ 141.6820,
-47.6642, 74.8239

■ 163.3620,
-35.6745, 55.8105

■ 131.5430,
-53.5117, 83.7158

■ 173.5010,
-29.8270, 46.9186

■ 120.7030,
-59.5066, 93.2225

■ 184.3410,
-23.8321, 37.4119

■ 195.1810,
-17.8372, 27.9053

■ 205.9070,
-12.2792, 18.4986

■ 216.1600, -5.9949,
9.5067

■ 227.0000, 0.0000,
0.0000

■ 237.8400, 5.9949,
-9.5067

■ 246.0410, 4.4168,
-16.6990

Harmonies

Analogous

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



153.4360, -20.9209, 83.8096



152.5220, -41.6693, 65.3172



149.7510, -52.6282, 33.5444

Triad

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



152.5220, -41.6693, 65.3172



122.5320, 12.5557, -107.4606



156.8670, 45.4216, -8.6534

Complementary

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



152.5220, -41.6693, 65.3172



142.4780, 41.6693, -65.3172

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.



124.7510, 64.2128, -109.4066



152.5220, -41.6693, 65.3172



128.5740, 35.7060, -112.7594

Square

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



152.5220, -41.6693, 65.3172



133.9900, -18.7291, -59.6272



130.3130, 55.0617, -114.2845



159.8820, 26.1872, 47.4615

Rectangle

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



152.5220, -41.6693, 65.3172



146.7970, -49.1999, 7.1940



130.3130, 55.0617, -114.2845



152.0920, 50.7336, -32.5297

Sweetspot

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



152.5220, -41.6693, 65.3172



230.0600, -14.3266, 21.8724



126.7130, 19.3685, 87.9517



112.6120, -8.1897, 13.4953



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.



152.5220, -41.6693, 65.3172



154.8810, -56.1433, 87.8044



197.7210, -63.9525, 25.6777



109.5230, -3.2158, 4.8033



95.1980, -46.9326, 73.4944



26.9890, -13.3056, 21.0576

Inverse Universe

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



142.4780, 41.6693, -65.3172



141.1190, 56.1433, -87.8044



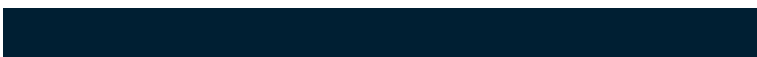
97.2790, 63.9525, -25.6777



108.4770, 3.2158, -4.8033



83.8020, 46.9326, -73.4944



24.0110, 13.3056, -21.0576

Previews

White Background



This preview shows how the YUV color 152.5220, -41.6693, 65.3172 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 152.5220, -41.6693, 65.3172 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 152.5220, -41.6693, 65.3172

Background



This preview shows how black text looks on a background with the YUV color 152.5220, -41.6693, 65.3172.



This preview shows how white text looks on a background with the YUV color 152.5220, -41.6693,

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

152.5220, -41.6693, 65.3172

Protanopia

151.9630, -37.4498, 18.4494

Deuteranopia

152.1780, -43.4718, 36.6779



Tritanopia

157.0190, -11.8414, 64.8813

Trichromacy



Original Color

152.5220, -41.6693, 65.3172

Protanomaly

152.3180, -39.1038, 35.6781

Deuteranomaly

152.3580, -43.0675, 47.0440

Tritanomaly

155.7450, -23.0453, 65.1216

Monochromacy



Original Color

152.5220, -41.6693, 65.3172

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8430, -15.2056, 23.8167

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5220, -41.6693, 65.3172 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(227, 131, 68)` looks like.

```
.text, #text, p{  
    color:rgb(227, 131, 68)  
}
```

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(227, 131, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 131, 68) }
```

Border

The CSS property to change the border of an element to YUV 152.5220, -41.6693, 65.3172 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(227, 131, 68) }
```


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

```
.border{ border-color:rgb(227, 131, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 131, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 131, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 131, 68);  
box-shadow:4px 4px 4px 4px rgb(227, 131,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 152.5220, -41.6693, 65.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 131, 68) }
```

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

```
.background{ background-color: rgb(227,  
131, 68) }
```

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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