

Converting Colors

YUV(132.7040, -51.1261,
65.1576)

Have a look what the booklet for
YUV(132.7040, -51.1261, 65.1576)
contains.

YUV(132.7040, -51.1261, 65.1576)	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(132.7040, -51.1261,
65.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	CF731D
RGB	207, 115, 29
RGB Percent	81%, 45%, 11%
CMY	0.1882, 0.5490, 0.8863
CMYK	0.00, 0.44, 0.86, 0.19
HSL	29°, 75%, 46%
HSV	29°, 86%, 81%
XYZ	32.0846, 25.6156, 4.4157
YIQ	132.7040, 82.4380, -7.2420

Conversions

Conversions Part 2

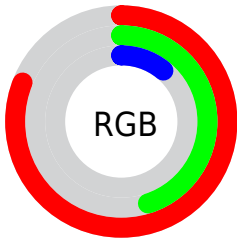
Format	Color
RYB	207, 195, 29
Decimal	13595421
CIELab	57.67, 30.60, 58.30
CIElCh	58, 65.845, 62.310
Yxy	25.6156, 0.5165, 0.4124
Android (android.graphics.Color)	4291785501 (0xFFCF731D)
YUV	132.7040, -51.1261, 65.1576
Hunter-Lab	50.6118, 24.5868, 30.2555

Details

The YUV color **132.7040, -51.1261, 65.1576** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **103.2960, 51.1261, -65.1576**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.2090, -50.3890, 62.0837**, and **81.8090, -40.3318, 56.2955** is the 20% darker color. If you saturate the color by 10%, you get **123.8530, -57.1155, 72.9199**, and if you desaturate by 10%, it is **141.5550, -45.1366, 57.3953**.

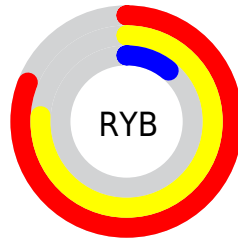
Distribution



Red (81%)

Green (45%)

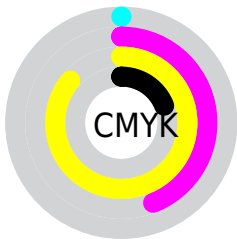
Blue (11%)



Red (81%)

Yellow (76%)

Blue (11%)

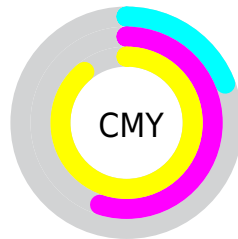


Cyan (0%)

Magenta (44%)

Yellow (86%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7040, -51.1261, 65.1576 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 132.7040, -51.1261, 65.1576 by changing the saturation by 10% instead.

132.7040,
-51.1261, 65.1576

132.7040,
-51.1261, 65.1576

255.0000, 0.0000,
0.0000

105.4540,
-51.9888, 61.8688

184.2090,
-50.3890, 62.0837

81.8090, -40.3318,
56.2955

203.1360,
-46.4090, 45.4847

59.3380, -29.2536,
49.6926

222.5360,
-43.1552, 28.4709

36.5790, -18.0334,
44.2192

242.6370,
-39.7540, 10.8424

17.6410, -8.6970,
36.2718

247.5900,
-28.3919, 6.4986

10.2800, -4.5750,
20.8024

250.8960,

0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

132.7040,
-51.1261, 65.1576

132.7040,
-51.1261, 65.1576

123.8530,
-57.1155, 72.9199

141.5550,
-45.1366, 57.3953

120.5930,
-59.4523, 75.7789

149.7050,
-39.2946, 50.2477

158.5560,
-33.3051, 42.4854

167.4070,
-27.3157, 34.7231

175.6710,
-21.0368, 27.4755

■ 184.4080,
-15.4841, 19.8132

■ 193.2590, -9.4947,
12.0509

■ 202.1100, -3.5052,
4.2885

■ 210.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



132.2150, -25.7420, 90.1424



132.7040, -51.1261, 65.1576



128.8570, -63.5265, 29.0664

Triad

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



132.7040, -51.1261, 65.1576



112.9290, 13.8390, -99.0387



140.8020, 47.4256, 1.9276

Complementary

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



132.7040, -51.1261, 65.1576



103.2960, 51.1261, -65.1576

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.



113.4840, 69.2744, -99.5255



132.7040, -51.1261, 65.1576



118.9540, 39.4627, -104.3227

Square

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



132.7040, -51.1261, 65.1576



103.8550, -10.7745, -91.0808



120.1060, 59.1077, -105.3330



140.2690, 25.9964, 62.0311

Rectangle

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



132.7040, -51.1261, 65.1576



124.2510, -61.2557, 0.6569



120.1060, 59.1077, -105.3330



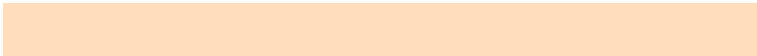
136.3470, 54.0589, -25.7373

Sweetspot

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



132.7040, -51.1261, 65.1576



227.5180, -18.9894, 24.1017



93.0520, 15.2574, 99.9324



111.1130, -11.3947, 14.8099



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.



132.7040, -51.1261, 65.1576



148.4460, -73.1839, 93.4479



183.1860, -76.0137, 20.8849



100.2240, -3.0684, 4.1886



97.7790, -48.2050, 61.5838



23.9990, -11.8315, 14.9099

Inverse Universe

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



103.2960, 51.1261, -65.1576



106.5540, 73.1839, -93.4479



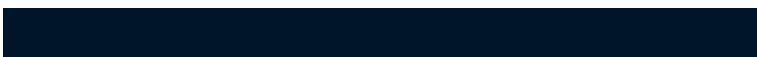
52.8140, 76.0137, -20.8849



98.1890, 3.3578, -3.6738



70.2210, 48.2050, -61.5838



17.0010, 11.8315, -14.9099

Previews

White Background



This preview shows how the YUV color 132.7040, -51.1261, 65.1576 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7040, -51.1261, 65.1576 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 × Fail

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

YUV 132.7040, -51.1261, 65.1576

Background



This preview shows how black text looks on a background with the YUV color 132.7040, -51.1261, 65.1576.



This preview shows how white text looks on a background with the YUV color 132.7040, -51.1261, 65.1576.

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

132.7040, -51.1261, 65.1576

Protanopia

132.2270, -47.9329, 20.8489

Deuteranopia

132.1600, -56.2809, 38.4477



Tritanopia

139.0080, -11.8359, 63.1370

Trichromacy



Original Color

132.7040, -51.1261, 65.1576

Protanomaly

132.3970, -49.0027, 37.3628

Deuteranomaly

132.3830, -54.4188, 47.8991

Tritanomaly

136.9360, -26.0974, 64.0771

Monochromacy



Original Color

132.7040, -51.1261, 65.1576

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6320, -18.5526, 24.0017

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7040, -51.1261, 65.1576 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(207, 115, 29)` looks like.

```
.text, #text, p{  
    color:rgb(207, 115, 29)  
}
```

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(207, 115, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 115, 29) }
```

Border

The CSS property to change the border of an element to YUV 132.7040, -51.1261, 65.1576 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(207, 115, 29) }
```


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

```
.border{ border-color:rgb(207, 115, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 115, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 115, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 115, 29);  
box-shadow:4px 4px 4px 4px rgb(207, 115,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 132.7040, -51.1261, 65.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 115, 29) }
```

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

```
.background{ background-color: rgb(207,  
115, 29) }
```

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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