

Converting Colors

YUV(145.7080, -47.1840,
60.7691)

Have a look what the booklet for
YUV(145.7080, -47.1840, 60.7691)
contains.

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Color

**YUV(145.7080, -47.1840,
60.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	D78132
RGB	215, 129, 50
RGB Percent	84%, 51%, 20%
CMY	0.1569, 0.4941, 0.8039
CMYK	0.00, 0.40, 0.77, 0.16
HSL	29°, 67%, 52%
HSV	29°, 77%, 84%
XYZ	36.4503, 30.3779, 6.9600
YIQ	145.7080, 76.6150, -6.3370

Conversions

Conversions Part 2

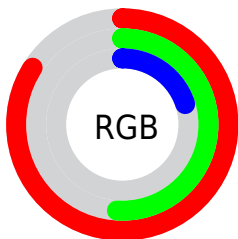
Format	Color
R_{YB}	215, 202, 50
Decimal	14123314
CIE _{Lab}	61.98, 27.15, 54.48
CIE _{LCh}	62, 60.869, 63.511
Yxy	30.3779, 0.4940, 0.4117
Android (android.graphics.Color)	4292313394 (0xFFD78132)
YUV	145.7080, -47.1840, 60.7691
Hunter-Lab	55.1161, 21.5954, 31.0942

Details

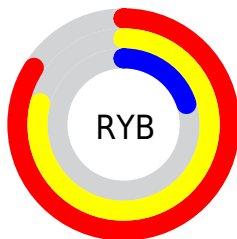
The YUV color **145.7080, -47.1840, 60.7691** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle muted orange. A complement of this color would be **119.2920, 47.1840, -60.7691**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5930, -46.1413, 52.9769**, and **92.7180, -45.7100, 54.6213** is the 20% darker color. If you saturate the color by 10%, you get **136.7430, -53.6103, 68.6314**, and if you desaturate by 10%, it is **154.5590, -41.1946, 53.0068**.

Distribution



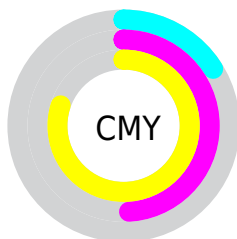
- Red (84%)
- Green (51%)
- Blue (20%)



- Red (84%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.7080, -47.1840, 60.7691 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 145.7080, -47.1840, 60.7691 by changing the saturation by 10% instead.

■ 145.7080,
-47.1840, 60.7691

■ 145.7080,
-47.1840, 60.7691

■ 255.0000, 0.0000,
0.0000

■ 118.9850,
-47.3206, 57.8952

■ 194.5930,
-46.1413, 52.9769

■ 92.7180, -45.7100,
54.6213

■ 214.1070,
-42.4508, 35.8632

■ 69.6600, -34.3424,
48.5332

■ 234.2080,
-39.0495, 18.2346

■ 47.4880, -23.4116,
42.5450

■ 246.6780,
-31.8863, 7.2984

■ 25.0280, -12.3388,
37.6864

■ 249.8700,
-19.6559, 4.4990

■ 13.1560, -6.4859,
27.0502

■ 253.1760, -6.9888,

■ 0.0000, 0.0000,

1.5996

0.0000

■ 145.7080,
-47.1840, 60.7691

■ 145.7080,
-47.1840, 60.7691

■ 136.7430,
-53.6103, 68.6314

■ 154.5590,
-41.1946, 53.0068

■ 127.8920,
-59.5998, 76.3937

■ 163.5240,
-34.7683, 45.1445

■ 124.7460,
-61.4998, 79.1528

■ 173.0760,
-28.6315, 36.7673

■ 181.9270,
-22.6420, 29.0050

■ 190.8920,
-16.2158, 21.1427

■ 199.7430,
-10.2263, 13.3804

■ 208.7080, -3.8000,
5.5181

■ 218.1460, 1.9000,
-2.7590

■ 226.9970, 7.8895,
-10.5214

Harmonies

Analogous

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



146.3560, -26.3045, 83.8798



145.7080, -47.1840, 60.7691



141.9690, -56.6797, 26.3372

Triad

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



145.7080, -47.1840, 60.7691



120.3950, 17.0603, -105.5864



152.9720, 42.9048, 5.2866

Complementary

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



145.7080, -47.1840, 60.7691



119.2920, 47.1840, -60.7691

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.



119.4680, 66.8173, -104.7734



145.7080, -47.1840, 60.7691



125.8500, 40.5000, -110.3704

Square

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



145.7080, -47.1840, 60.7691



112.2500, -6.5323, -98.4433



126.6600, 58.8346, -111.0808



153.0360, 22.6603, 58.7274

Rectangle

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



145.7080, -47.1840, 60.7691



139.1440, -48.8780, -2.7573



126.6600, 58.8346, -111.0808



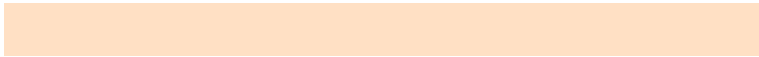
149.1370, 49.2325, -17.6601

Sweetspot

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



145.7080, -47.1840, 60.7691



230.0770, -16.8000, 21.8575



109.3670, 14.1161, 92.6401



112.7430, -10.2263, 13.3804



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.



145.7080, -47.1840, 60.7691



156.5960, -67.3418, 86.3003



193.2550, -70.6247, 19.0704



102.8110, -3.3578, 3.6738



99.2630, -48.9367, 62.9133



25.1840, -12.4157, 15.6246

Inverse Universe

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



119.2920, 47.1840, -60.7691



118.9910, 67.0524, -86.8151



71.7450, 70.6247, -19.0704



100.7760, 3.0684, -4.1886



71.7370, 48.9367, -62.9133



18.4030, 12.1263, -16.1394

Previews

White Background



This preview shows how the YUV color 145.7080, -47.1840, 60.7691 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 145.7080, -47.1840, 60.7691 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 145.7080, -47.1840, 60.7691

Background



This preview shows how black text looks on a background with the YUV color 145.7080, -47.1840, 60.7691.



This preview shows how white text looks on a background with the YUV color 145.7080, -47.1840,

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

145.7080, -47.1840, 60.7691

Protanopia

144.6660, -43.7123, 20.4639

Deuteranopia

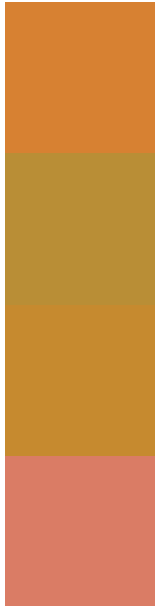
145.2830, -49.4395, 37.4628



Tritanopia

151.3280, -10.5147, 59.3483

Trichromacy



Original Color

145.7080, -47.1840, 60.7691

Protanomaly

144.8250, -44.7767, 35.2335

Deuteranomaly

145.5660, -48.5930, 45.9846

Tritanomaly

149.4840, -23.9026, 60.0885

Monochromacy



Original Color

145.7080, -47.1840, 60.7691

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9630, -17.2368, 21.9574

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7080, -47.1840, 60.7691 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(215, 129, 50)` looks like.

```
.text, #text, p{  
    color:rgb(215, 129, 50)  
}
```

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(215, 129, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 129, 50) }
```

Border

The CSS property to change the border of an element to YUV 145.7080, -47.1840, 60.7691 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(215, 129, 50) }
```


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

```
.border{ border-color:rgb(215, 129, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 129, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 129, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 129, 50);  
box-shadow:4px 4px 4px 4px rgb(215, 129,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 145.7080, -47.1840, 60.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 129, 50) }
```

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

```
.background{ background-color: rgb(215,  
129, 50) }
```

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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