

Converting Colors

YUV(142.1280, -50.8421,
67.4167)

Have a look what the booklet for
YUV(142.1280, -50.8421, 67.4167)
contains.

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Color

**YUV(142.1280, -50.8421,
67.4167)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7B27
RGB	219, 123, 39
RGB Percent	86%, 48%, 15%
CMY	0.1412, 0.5176, 0.8471
CMYK	0.00, 0.44, 0.82, 0.14
HSL	28°, 71%, 51%
HSV	28°, 82%, 86%
XYZ	36.6626, 29.3725, 5.6566
YIQ	142.1280, 84.1800, -5.7720

Conversions

Conversions Part 2

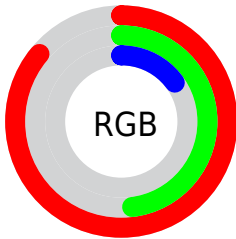
Format	Color
R_{YB}	219, 197, 39
Decimal	14383911
CIE _{Lab}	61.11, 31.60, 58.32
CIE _{LCh}	61, 66.332, 61.547
Yxy	29.3725, 0.5114, 0.4097
Android (android.graphics.Color)	4292573991 (0xFFDB7B27)
YUV	142.1280, -50.8421, 67.4167
Hunter-Lab	54.1964, 25.9074, 31.7493

Details

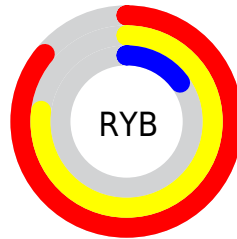
The YUV color **142.1280, -50.8421, 67.4167** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **115.8720, 50.8421, -67.4167**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0450, -48.3362, 56.9655**, and **90.0930, -44.4158, 59.5544** is the 20% darker color. If you saturate the color by 10%, you get **132.5760, -56.9790, 75.7938**, and if you desaturate by 10%, it is **151.6800, -44.7052, 59.0396**.

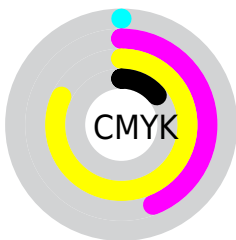
Distribution



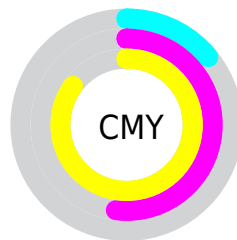
- Red (86%)
- Green (48%)
- Blue (15%)



- Red (86%)
- Yellow (77%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (82%)
- Black (14%)





- Cyan (14%)
- Magenta (52%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the YUV color 142.1280, -50.8421, 67.4167 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 142.1280, -50.8421, 67.4167 by changing the saturation by 10% instead.


 142.1280,
-50.8421, 67.4167

 142.1280,
-50.8421, 67.4167


 255.0000, 0.0000,
0.0000


 114.4220,
-53.4520, 64.5279


 190.0450,
-48.3362, 56.9655

 90.0930, -44.4158,
59.5544


 209.4450,
-45.0824, 39.9517

 67.0350, -33.0483,
53.4663


 228.9590,
-41.3918, 22.8380

 43.9770, -21.6807,
47.3782

 245.5380,
-36.2542, 8.2982

 20.9300, -10.3185,
43.0344

 248.7300,
-24.0239, 5.4988

 13.8680, -6.3439,
28.1798

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 142.1280,
-50.8421, 67.4167

■ 142.1280,
-50.8421, 67.4167

■ 132.5760,
-56.9790, 75.7938

■ 151.6800,
-44.7052, 59.0396

■ 125.3550,
-61.8000, 82.1267

■ 160.6450,
-38.2790, 51.1773

■ 170.1970,
-32.1421, 42.8002

■ 179.7490,
-26.0053, 34.4231

■ 188.7140,
-19.5790, 26.5608

■ 198.1520,
-13.8789, 18.2837

■ 207.7040, -7.7421,
9.9066

■ 216.6690, -1.3158,
2.0443

■ 226.2210, 4.8210,
-6.3328

Harmonies

Analogous

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



141.6390, -25.4580, 92.4016



142.1280, -50.8421, 67.4167



137.4290, -67.7525, 31.1958

Triad

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



142.1280, -50.8421, 67.4167



119.7110, 14.4395, -104.9865



149.4320, 48.5940, 0.4981

Complementary

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



142.1280, -50.8421, 67.4167



115.8720, 50.8421, -67.4167

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.



118.8810, 67.1067, -104.2586



142.1280, -50.8421, 67.4167



125.7360, 40.0632, -110.2705

Square

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



142.1280, -50.8421, 67.4167



110.4090, -11.0476, -96.8287



127.1160, 60.5818, -111.4807



149.4970, 26.8700, 61.8311

Rectangle

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



142.1280, -50.8421, 67.4167



134.1200, -59.2192, 0.7718



127.1160, 60.5818, -111.4807



144.4500, 54.5012, -27.5816

Sweetspot

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



142.1280, -50.8421, 67.4167



227.7460, -18.1158, 23.9018



103.7640, 15.3993, 101.0620



111.2270, -10.9579, 14.7099



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.



142.1280, -50.8421, 67.4167



147.0270, -71.0053, 94.6923



194.9580, -76.8873, 21.0848



105.2240, -3.0684, 4.1886



99.2740, -48.9421, 64.6577



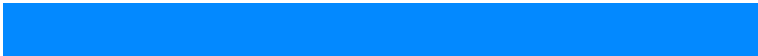
26.0810, -12.8579, 17.4690

Inverse Universe

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



115.8720, 50.8421, -67.4167



110.3860, 71.2947, -94.1775



63.0420, 76.8873, -21.0848



103.7760, 3.0684, -4.1886



73.7260, 48.9421, -64.6577



19.3320, 13.1473, -16.9542

Previews

White Background



This preview shows how the YUV color 142.1280, -50.8421, 67.4167 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 142.1280, -50.8421, 67.4167 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 142.1280, -50.8421, 67.4167

Background



This preview shows how black text looks on a background with the YUV color 142.1280, -50.8421, 67.4167.



This preview shows how white text looks on a background with the YUV color 142.1280, -50.8421, 67.4167.

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

142.1280, -50.8421, 67.4167

Protanopia

141.7540, -47.2067, 21.2637

Deuteranopia

141.3280, -54.3917, 39.1773



Tritanopia

148.2040, -12.4256, 65.5961

Trichromacy



Original Color

142.1280, -50.8421, 67.4167

Protanomaly

141.8100, -48.7133, 37.8776

Deuteranomaly

141.7360, -53.1138, 49.3435

Tritanomaly

146.1320, -26.6871, 66.5362

Monochromacy



Original Color

142.1280, -50.8421, 67.4167

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0450, -18.2632, 24.5165

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1280, -50.8421, 67.4167 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(219, 123, 39)` looks like.

```
.text, #text, p{  
    color:rgb(219, 123, 39)  
}
```

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(219, 123, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 123, 39) }
```

Border

The CSS property to change the border of an element to YUV 142.1280, -50.8421, 67.4167 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(219, 123, 39) }
```


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

```
.border{ border-color:rgb(219, 123, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 123, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 123, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 123, 39);  
box-shadow:4px 4px 4px 4px rgb(219, 123,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 142.1280, -50.8421, 67.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 123, 39) }
```

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

```
.background{ background-color: rgb(219,  
123, 39) }
```

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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