

# Converting Colors

YUV(120.6280, -45.6656,  
87.1492)

Have a look what the booklet for  
YUV(120.6280, -45.6656, 87.1492)  
contains.

<b>YUV(120.6280, -45.6656, 87.1492)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(120.6280, -45.6656,  
87.1492)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC581C
RGB	220, 88, 28
RGB Percent	86%, 35%, 11%
CMY	0.1373, 0.6549, 0.8902
CMYK	0.00, 0.60, 0.87, 0.14
HSL	19°, 77%, 49%
HSV	19°, 87%, 86%
XYZ	33.2145, 22.2789, 3.6483
YIQ	120.6280, 97.9320, 9.3240

# Conversions

## Conversions Part 2

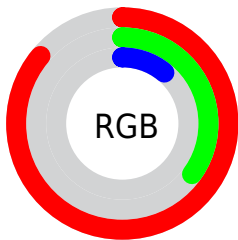
Format	Color
<a href="#">RYB</a>	<a href="#">220, 115, 28</a>
Decimal	<a href="#">14440476</a>
CIELab	<a href="#">54.32, 49.07, 56.77</a>
CIElCh	<a href="#">54, 75.036, 49.159</a>
Yxy	<a href="#">22.2789, 0.5616, 0.3767</a>
Android (android.graphics.Color)	<a href="#">4292630556</a> ( <a href="#">0xFFDC581C</a> )
YUV	<a href="#">120.6280, -45.6656, 87.1492</a>
Hunter-Lab	<a href="#">47.2006, 43.0075, 28.4577</a>

# Details

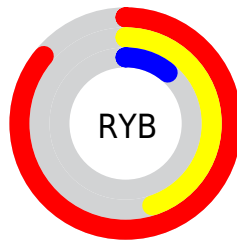
The YUV color **120.6280, -45.6656, 87.1492** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **127.3720, 45.6656, -87.1492**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6050, -44.1753, 75.7684**, and **65.7270, -32.4034, 80.0464** is the 20% darker color. If you saturate the color by 10%, you get **109.3150, -50.9343, 97.0707**, and if you desaturate by 10%, it is **131.9410, -40.3969, 77.2277**.

# Distribution



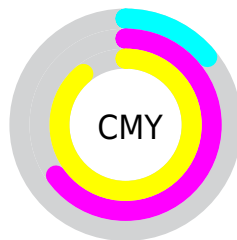
- Red (86%)
- Green (35%)
- Blue (11%)



- Red (86%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.6280, -45.6656, 87.1492 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 120.6280, -45.6656, 87.1492 by changing the saturation by 10% instead.





 120.6280,  
-45.6656, 87.1492

 120.6280,  
-45.6656, 87.1492


255.0000, 0.0000,  
0.0000

 92.0190, -45.3654,  
84.1753


 168.6050,  
-44.1753, 75.7684


 65.7270, -32.4034,  
80.0464


 188.0050,  
-40.9215, 58.7546


 37.6740, -18.5733,  
77.4619


 207.4050,  
-37.6677, 41.7408

 28.4050, -14.0037,  
58.4038

 227.5060,  
-34.2665, 24.1122

 20.0330, -9.8763,  
41.1901

 247.1340,  
-30.1391, 6.8985

 11.4760, -5.1647,  
23.2615

 250.3260,

 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,  
1.1997

120.6280,  
-45.6656, 87.1492

120.6280,  
-45.6656, 87.1492

109.3150,  
-50.9343, 97.0707

131.9410,  
-40.3969, 77.2277

106.2830,  
-52.3975, 99.7298

143.2540,  
-35.1282, 67.3062

154.5670,  
-29.8595, 57.3847

166.4670,  
-24.8802, 46.9484

177.7800,  
-19.6115, 37.0269

■ 189.0930,  
-14.3428, 27.1054

■ 200.4060, -9.0742,  
17.1839

■ 211.7190, -3.8055,  
7.2624

■ 223.0320, 1.4632,  
-2.6591

# Harmonies

## Analogous

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



115.1310, -11.4036, 111.2641



120.6280, -45.6656, 87.1492



122.4770, -60.3812, 46.9397

# Triad

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



120.6280, -45.6656, 87.1492



103.9010, -0.4442, -91.1212



118.7980, 66.6546, -52.4428

# Complementary

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



120.6280, -45.6656, 87.1492



127.3720, 45.6656, -87.1492

# 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.



114.1850, 69.4218, -100.1402



120.6280, -45.6656, 87.1492



112.2400, 28.9687, -98.4345

# Square

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



120.6280, -45.6656, 87.1492



92.6980, -29.4311, -80.4191



116.9770, 54.7343, -102.5888



132.1710, 41.3277, 44.5770



# Rectangle

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



120.6280, -45.6656, 87.1492



120.2190, -59.2680, 16.4709



116.9770, 54.7343, -102.5888



106.5540, 73.1839, -93.4479

# Sweetspot

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



120.6280, -45.6656, 87.1492



220.4740, -15.5167, 30.2793



100.6840, 30.2288, 104.6401



107.0040, -9.3690, 18.4135



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.



120.6280, -45.6656, 87.1492



123.2050, -60.7401, 115.5842



175.8060, -72.8684, 38.7581



104.0500, -2.4896, 5.2182



83.4250, -41.1285, 78.5573



21.9720, -10.8322, 21.0726

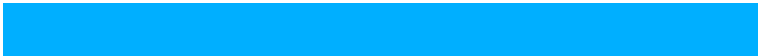


# Inverse Universe

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



127.3720, 45.6656, -87.1492



131.7950, 60.7401, -115.5842



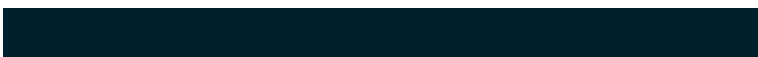
72.1940, 72.8684, -38.7581



104.3630, 2.7790, -4.7034



89.5750, 41.1285, -78.5573



24.0280, 10.8322, -21.0726



# Previews

## White Background



This preview shows how the YUV color 120.6280, -45.6656, 87.1492 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 120.6280, -45.6656, 87.1492 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 120.6280, -45.6656, 87.1492

## Background



This preview shows how black text looks on a background with the YUV color 120.6280, -45.6656, 87.1492.



This preview shows how white text looks on a background with the YUV color 120.6280, -45.6656, 87.1492.



# 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

120.6280, -45.6656, 87.1492

### Protanopia

124.9970, -42.3965, 18.4196

### Deuteranopia

122.1230, -60.2066, 37.6031



## Tritanopia

124.4300, -18.4530, 85.5689

# Trichromacy



## Original Color

120.6280, -45.6656, 87.1492

## Protanomaly

123.2220, -43.4934, 43.6553

## Deuteranomaly

121.6120, -55.0247, 55.5913

## Tritanomaly

122.9110, -28.0571, 86.0241

# Monochromacy



## Original Color

120.6280, -45.6656, 87.1492

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.8440, -16.6851, 31.7088

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.6280, -45.6656, 87.1492 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(220, 88, 28)` looks like.

```
.text, #text, p{  
    color:rgb(220, 88, 28)  
}
```

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(220, 88, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 88, 28) }
```

## Border

The CSS property to change the border of an element to YUV 120.6280, -45.6656, 87.1492 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(220, 88, 28) }
```



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

```
.border{ border-color:rgb(220, 88, 28) }
```

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

Here you see how a box with a 4 pixel rgb(220, 88, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 88, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 88, 28);  
box-shadow:4px 4px 4px 4px rgb(220, 88,  
28) }
```

# Background

The CSS property to change the background color of an element to YUV 120.6280, -45.6656, 87.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 88, 28) }
```

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

```
.background{ background-color: rgb(220, 88,  
28) }
```

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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