

Converting Colors

YUV(118.4960, -42.1495,
79.3720)

Have a look what the booklet for
YUV(118.4960, -42.1495, 79.3720)
contains.

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Color

**YUV(118.4960, -42.1495,
79.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	D15921
RGB	209, 89, 33
RGB Percent	82%, 35%, 13%
CMY	0.1804, 0.6510, 0.8706
CMYK	0.00, 0.57, 0.84, 0.18
HSL	19°, 73%, 47%
HSV	19°, 84%, 82%
XYZ	30.1414, 20.8099, 3.8669
YIQ	118.4960, 89.4960, 8.0240

Conversions

Conversions Part 2

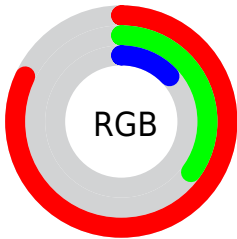
Format	Color
RYB	209, 115, 33
Decimal	13719841
CIELab	52.74, 44.67, 52.78
CIELCh	53, 69.144, 49.756
Yxy	20.8099, 0.5498, 0.3796
Android (android.graphics.Color)	4291909921 (0xFFD15921)
YUV	118.4960, -42.1495, 79.3720
Hunter-Lab	45.6178, 38.1103, 26.9066

Details

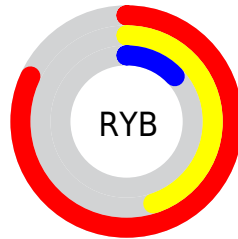
The YUV color **118.4960, -42.1495, 79.3720** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **123.5040, 42.1495, -79.3720**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0610, -42.4281, 75.3685**, and **65.0850, -32.0869, 71.8395** is the 20% darker color. If you saturate the color by 10%, you get **107.8840, -47.2708, 88.6787**, and if you desaturate by 10%, it is **129.1080, -37.0282, 70.0653**.

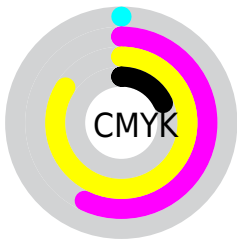
Distribution



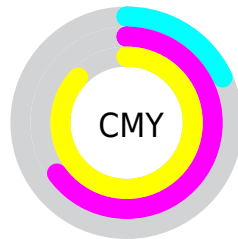
- Red (82%)
- Green (35%)
- Blue (13%)



- Red (82%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (57%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4960, -42.1495, 79.3720 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 118.4960, -42.1495, 79.3720 by changing the saturation by 10% instead.

■ 118.4960,
-42.1495, 79.3720

■ 118.4960,
-42.1495, 79.3720

■ 255.0000, 0.0000,
0.0000

■ 90.6590, -42.7229,
76.5981

■ 169.0610,
-42.4281, 75.3685

■ 65.0850, -32.0869,
71.8395

■ 188.3470,
-39.6111, 58.4547

■ 34.9830, -17.2466,
71.9289

■ 207.8610,
-35.9205, 41.3409

■ 26.0130, -12.8244,
53.4856

■ 227.3750,
-32.2299, 24.2271

■ 17.7550, -8.2602,
36.1719

■ 247.4760,
-28.8287, 6.5985

■ 7.8880, -3.3958,
15.8842

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

118.4960,
-42.1495, 79.3720

118.4960,
-42.1495, 79.3720

107.8840,
-47.2708, 88.6787

129.1080,
-37.0282, 70.0653

101.2330,
-49.9079, 94.5117

139.7200,
-31.9070, 60.7586

150.9190,
-27.0751, 50.9370

161.5310,
-21.9538, 41.6303

172.1430,
-16.8325, 32.3236

■ 182.6410,
-12.1480, 23.1168

■ 193.8400, -7.3161,
13.2953

■ 204.4520, -2.1948,
3.9886

■ 215.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



115.1250, -12.3866, 99.8684



118.4960, -42.1495, 79.3720



118.6230, -58.4811, 44.1806

Triad

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



118.4960, -42.1495, 79.3720



100.3790, 1.2922, -88.0324



118.6270, 59.3439, -40.8919

Complementary

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



118.4960, -42.1495, 79.3720



123.5040, 42.1495, -79.3720

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.



109.4090, 66.3534, -95.9517



118.4960, -42.1495, 79.3720



108.0340, 28.0842, -94.7458

Square

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



118.4960, -42.1495, 79.3720



97.1390, -28.1695, -65.0199



112.0870, 51.2291, -98.3003



128.7100, 37.1180, 41.4733

Rectangle

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



118.4960, -42.1495, 79.3720



115.7890, -57.0840, 15.9710



112.0870, 51.2291, -98.3003



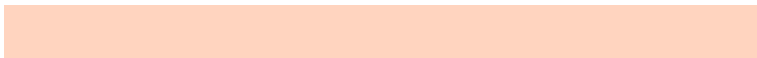
102.3650, 69.8261, -89.7741

Sweetspot

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



118.4960, -42.1495, 79.3720



222.4630, -15.5113, 28.5349



99.3040, 26.4721, 96.2034



107.7050, -9.2216, 17.7987



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.



118.4960, -42.1495, 79.3720



123.7920, -61.0295, 115.0694



170.1520, -67.6159, 34.0697



99.0500, -2.4897, 5.2181



81.9300, -40.3915, 75.4834



19.8900, -9.8058, 18.5135

Inverse Universe

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



123.5040, 42.1495, -79.3720



131.2080, 61.0295, -115.0694



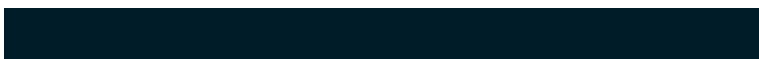
71.8480, 67.6159, -34.0697



99.3630, 2.7790, -4.7034



86.6570, 40.1021, -75.9982



21.1100, 9.8058, -18.5135

Previews

White Background



This preview shows how the YUV color 118.4960, -42.1495, 79.3720 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 118.4960, -42.1495, 79.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

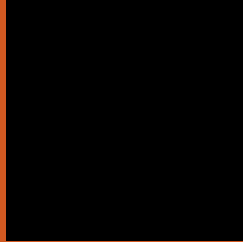
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.4960, -42.1495, 79.3720

Background



This preview shows how black text looks on a background with the YUV color 118.4960, -42.1495, 79.3720.



This preview shows how white text looks on a background with the YUV color 118.4960, -42.1495, 79.3720.

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

118.4960, -42.1495, 79.3720

Protanopia

121.6100, -38.7547, 17.0050

Deuteranopia

120.3320, -50.4497, 34.7888



Tritanopia

121.9560, -16.2473, 78.0916

Trichromacy



Original Color

118.4960, -42.1495, 79.3720

Protanomaly

120.4110, -40.1356, 39.9816

Deuteranomaly

119.8270, -47.7357, 51.0177

Tritanomaly

120.5510, -25.4146, 78.4468

Monochromacy



Original Color

118.4960, -42.1495, 79.3720

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8760, -15.2219, 29.0497

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4960, -42.1495, 79.3720 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(209, 89, 33)` looks like.

```
.text, #text, p{  
    color:rgb(209, 89, 33)  
}
```

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(209, 89, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 89, 33) }
```

Border

The CSS property to change the border of an element to YUV 118.4960, -42.1495, 79.3720 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(209, 89, 33) }
```


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

```
.border{ border-color:rgb(209, 89, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 89, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 89, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 89, 33);  
box-shadow:4px 4px 4px 4px rgb(209, 89,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 118.4960, -42.1495, 79.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 89, 33) }
```

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

```
.background{ background-color: rgb(209, 89,  
33) }
```

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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