

Converting Colors

YUV(121.1950, -52.3541,
85.7750)

Have a look what the booklet for
YUV(121.1950, -52.3541, 85.7750)
contains.

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Color

**YUV(121.1950, -52.3541,
85.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5C0F
RGB	219, 92, 15
RGB Percent	86%, 36%, 6%
CMY	0.1412, 0.6392, 0.9412
CMYK	0.00, 0.58, 0.93, 0.14
HSL	23°, 87%, 46%
HSV	23°, 93%, 86%
XYZ	33.1268, 22.7489, 3.0969
YIQ	121.1950, 100.4090, 2.9770

Conversions

Conversions Part 2

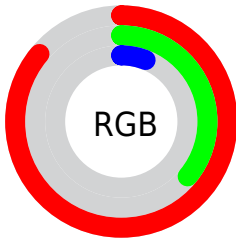
Format	Color
R _Y B	219, 139, 15
Decimal	14375951
CIE Lab	54.81, 46.64, 61.04
CIE LCh	55, 76.822, 52.615
Yxy	22.7489, 0.5617, 0.3858
Android (android.graphics.Color)	4292566031 (0xFFDB5C0F)
YUV	121.1950, -52.3541, 85.7750
Hunter-Lab	47.6958, 40.5085, 29.5373

Details

The YUV color **121.1950, -52.3541, 85.7750** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **112.8050, 52.3541, -85.7750**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0410, -48.8272, 74.5090**, and **68.9500, -33.9923, 76.3429** is the 20% darker color. If you saturate the color by 10%, you get **114.2020, -56.3016, 91.9078**, and if you desaturate by 10%, it is **131.9210, -46.7961, 76.3683**.

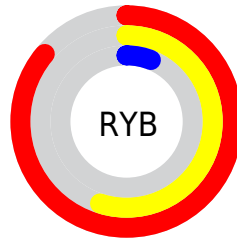
Distribution



Red (86%)

Green (36%)

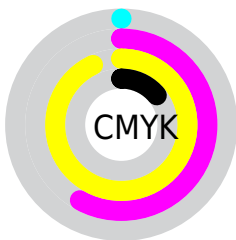
Blue (6%)



Red (86%)

Yellow (55%)

Blue (6%)

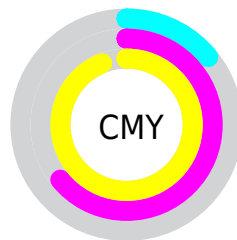


Cyan (0%)

Magenta (58%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1950, -52.3541, 85.7750 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 121.1950, -52.3541, 85.7750 by changing the saturation by 10% instead.

121.1950,
-52.3541, 85.7750

121.1950,
-52.3541, 85.7750

255.0000, 0.0000,
0.0000

94.6550, -46.6649,
80.9866

170.0410,
-48.8272, 74.5090

68.9500, -33.9923,
76.3429

188.8540,
-45.2840, 58.0100

38.5490, -19.0047,
75.8175

208.2540,
-42.0302, 40.9962

28.4050, -14.0037,
58.4038

228.3550,
-38.6290, 23.3677

19.7340, -9.7289,
40.5753

246.2220,
-33.6334, 7.6983

11.4760, -5.1647,
23.2615

249.4140,

0.0000, 0.0000,

-21.4031, 4.8989

0.0000

252.7200, -8.7360,
1.9996

121.1950,
-52.3541, 85.7750

121.1950,
-52.3541, 85.7750

114.2020,
-56.3016, 91.9078

131.9210,
-46.7961, 76.3683

142.0600,
-40.9486, 67.4764

152.7860,
-35.3905, 58.0697

163.5120,
-29.8324, 48.6630

173.6510,
-23.9849, 39.7711

■ 184.2630,
-18.8637, 30.4643

■ 194.4020,
-13.0162, 21.5724

■ 205.1280, -7.4581,
12.1657

■ 215.8540, -1.9000,
2.7590

Harmonies

Analogous

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



115.5180, -15.0454, 112.6787



121.1950, -52.3541, 85.7750



123.6290, -60.9491, 42.4214

Triad

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



121.1950, -52.3541, 85.7750



106.1010, 2.9082, -93.0506



124.9140, 64.1324, -36.7586

Complementary

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



121.1950, -52.3541, 85.7750



112.8050, 52.3541, -85.7750

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.



113.5980, 69.7112, -99.6254



121.1950, -52.3541, 85.7750



114.5540, 32.7579, -100.4639

Square

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



121.1950, -52.3541, 85.7750



94.9580, -27.0943, -83.2782



118.5900, 58.3761, -104.0034



131.8840, 39.9902, 53.5987

Rectangle

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



121.1950, -52.3541, 85.7750



120.1860, -59.2517, 11.2379



118.5900, 58.3761, -104.0034



105.3800, 73.7627, -92.4183

Sweetspot

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



121.1950, -52.3541, 85.7750



221.0780, -18.2795, 29.7496



90.7020, 26.2759, 112.5173



107.1350, -11.4056, 18.2986



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.



121.1950, -52.3541, 85.7750



132.5970, -65.3703, 107.3474



179.8950, -81.2932, 34.2951



104.6370, -2.7790, 4.7034



89.8820, -44.3118, 72.8945



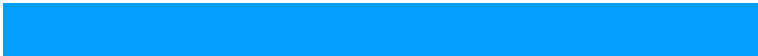
23.7330, -11.7004, 19.5282

Inverse Universe

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



112.8050, 52.3541, -85.7750



122.4030, 65.3703, -107.3474



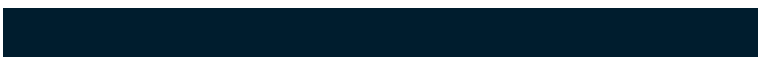
54.1050, 81.2932, -34.2951



104.3630, 2.7790, -4.7034



83.1180, 44.3118, -72.8945



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 121.1950, -52.3541, 85.7750 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 121.1950, -52.3541, 85.7750 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 121.1950, -52.3541, 85.7750

Background



This preview shows how black text looks on a background with the YUV color 121.1950, -52.3541, 85.7750.



This preview shows how white text looks on a background with the YUV color 121.1950, -52.3541,

85.7750.

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

121.1950, -52.3541, 85.7750

Protanopia

124.8140, -48.2223, 20.3341

Deuteranopia

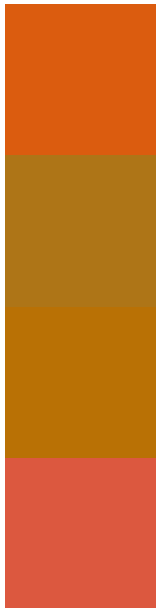
123.0090, -60.6434, 37.7031



Tritanopia

126.9350, -17.7160, 82.4950

Trichromacy



Original Color

121.1950, -52.3541, 85.7750

Protanomaly

123.3270, -49.4612, 44.4402

Deuteranomaly

122.2160, -57.7875, 55.0616

Tritanomaly

124.6180, -30.3777, 83.6500

Monochromacy



Original Color

121.1950, -52.3541, 85.7750

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8610, -19.1585, 31.6939

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1950, -52.3541, 85.7750 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, 92, 15)` looks like.

```
.text, #text, p{  
    color:rgb(219, 92, 15)  
}
```

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, 92, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 92, 15) }
```

Border

The CSS property to change the border of an element to YUV 121.1950, -52.3541, 85.7750 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, 92, 15) }
```


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

```
.border{ border-color:rgb(219, 92, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 92, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 92, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 92, 15);  
box-shadow:4px 4px 4px 4px rgb(219, 92,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 121.1950, -52.3541, 85.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 92, 15) }
```

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

```
.background{ background-color: rgb(219, 92,  
15) }
```

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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