

Converting Colors

YUV(85.0500, -41.9296,
149.0462)

Have a look what the booklet for
YUV(85.0500, -41.9296, 149.0462)
contains.

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Color

**YUV(85.0500, -41.9296,
149.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F00
RGB	255, 15, 0
RGB Percent	100%, 6%, 0%
CMY	0.0000, 0.9412, 1.0000
CMYK	0.00, 0.94, 1.00, 0.00
HSL	4°, 100%, 50%
HSV	4°, 100%, 100%
XYZ	41.4108, 21.6016, 1.9869
YIQ	85.0500, 147.8550, 46.2150

Conversions

Conversions Part 2

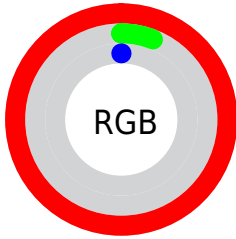
Format	Color
RYB	255, 16, 0
Decimal	16715520
CIELab	53.60, 79.04, 67.35
CIELCh	54, 103.843, 40.433
Yxy	21.6016, 0.6371, 0.3323
Android (android.graphics.Color)	4294905600 (0xFFFF0F00)
YUV	85.0500, -41.9296, 149.0462
Hunter-Lab	46.4776, 77.7051, 29.9996

Details

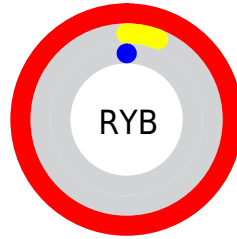
The YUV color **85.0500, -41.9296, 149.0462** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **169.9500, 41.9297, -149.0461**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6710, -40.7568, 99.3895**, and **55.9130, -27.5651, 114.9633** is the 20% darker color. If you saturate the color by 10%, you get **85.0500, -41.9296, 149.0462**, and if you desaturate by 10%, it is **101.9880, -37.9551, 134.1915**.

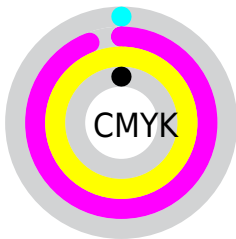
Distribution



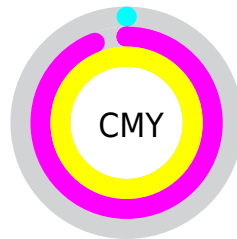
- Red (100%)
- Green (6%)
- Blue (0%)



- Red (100%)
- Yellow (6%)
- Blue (0%)



- Cyan (0%)
- Magenta (94%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 85.0500, -41.9296, 149.0462 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 85.0500, -41.9296, 149.0462 by changing the saturation by 10% instead.


 85.0500, -41.9296,
149.0462


 85.0500, -41.9296,
149.0462


 254.3160, -2.6208,
0.5999

 66.0790, -32.5769,
135.8657


 141.6710,
-40.7568, 99.3895

 55.9130, -27.5651,
114.9633


 162.8320,
-38.3712, 80.8313


 46.0460, -22.7007,
94.6757


 183.4060,
-35.6962, 62.7879

 36.2930, -17.3994,
74.2880

 203.9800,
-33.0211, 44.7445

 27.2520, -11.9562,
55.0300

 225.2550,
-30.1987, 26.0864


 17.8690, -7.8234,
36.0719


 246.0570,


 5.6810, -2.8007,


-26.6501, 7.8430


11.6808

 251.0100,
-15.2879, 3.4992

 0.0000, 0.0000,
0.0000

 85.0500, -41.9296,
149.0462

 101.9880,
-37.9551, 134.1915

 119.0400,
-33.5437, 119.2369

 136.0920,
-29.1324, 104.2823

 153.0300,
-25.1578, 89.4277

 170.0820,
-20.7464, 74.4731

■ 187.0200,
-16.7719, 59.6185

■ 204.0720,
-12.3605, 44.6639

■ 221.0100, -8.3859,
29.8092

■ 238.0620, -3.9746,
14.8546

Harmonies

Analogous

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



87.8730, 6.9646, 146.5704



85.0500, -41.9296, 149.0462



119.0980, -58.7153, 72.7051

Triad

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



85.0500, -41.9296, 149.0462



100.4010, -18.9317, -88.0517



105.9670, 73.4733, -92.9331

Complementary

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



85.0500, -41.9296, 149.0462



169.9500, 41.9297, -149.0461

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.



120.0550, 66.5279, -105.2882



85.0500, -41.9296, 149.0462



113.1060, 22.1327, -99.1940

Square

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



85.0500, -41.9296, 149.0462



89.2240, -43.9874, -78.2494



122.9100, 59.6974, -107.7921



125.3430, 63.9209, 31.2712

Rectangle

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



85.0500, -41.9296, 149.0462



120.3070, -59.3114, 30.4258



122.9100, 59.6974, -107.7921



111.8370, 70.5794, -98.0810

Sweetspot

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



85.0500, -41.9296, 149.0462



204.0720, -12.3605, 44.6639



103.8330, 68.1163, 132.5735



96.9280, -7.3595, 27.2501



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.



85.0500, -41.9296, 149.0462



158.4250, -78.1035, 84.6963



119.4740, -2.2057, 7.4773



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865

Inverse Universe

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



169.9500, 41.9297, -149.0461



96.5750, 78.1035, -84.6963



123.5260, 2.2057, -7.4773



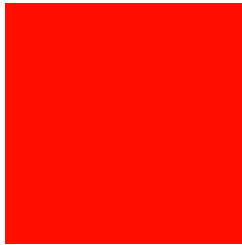
127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 85.0500, -41.9296, 149.0462 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 85.0500, -41.9296, 149.0462 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 85.0500, -41.9296, 149.0462

Background



This preview shows how black text looks on a background with the YUV color 85.0500, -41.9296, 149.0462.



This preview shows how white text looks on a background with the YUV color 85.0500, -41.9296,

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

85.0500, -41.9296, 149.0462

Protanopia

122.8400, -44.2911, 19.4343

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

89.4470, -44.0974, 144.3130

Trichromacy



Original Color

85.0500, -41.9296, 149.0462

Protanomaly

109.3650, -43.5639, 66.3319

Deuteranomaly

107.9120, -53.2006, 77.2532

Tritanomaly

87.6860, -43.2292, 145.8574

Monochromacy



Original Color

85.0500, -41.9296, 149.0462

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3290, -15.4452, 54.0855

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0500, -41.9296, 149.0462 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(255, 15, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 0)  
}
```

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(255, 15, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 0) }
```

Border

The CSS property to change the border of an element to YUV 85.0500, -41.9296, 149.0462 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(255, 15, 0) }
```

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

```
.border{ border-color:rgb(255, 15, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 15, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 15, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.0500, -41.9296, 149.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 0) }
```

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

```
.background{ background-color: rgb(255, 15,  
0) }
```

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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