

Converting Colors

YUV(75.1110, -34.5647,
120.0517)

Have a look what the booklet for
YUV(75.1110, -34.5647, 120.0517)
contains.

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Color

**YUV(75.1110, -34.5647,
120.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	D41305
RGB	212, 19, 5
RGB Percent	83%, 7%, 2%
CMY	0.1686, 0.9255, 0.9804
CMYK	0.00, 0.91, 0.98, 0.17
HSL	4°, 95%, 43%
HSV	4°, 98%, 83%
XYZ	27.4116, 14.4738, 1.4925
YIQ	75.1110, 119.5220, 36.5620

Conversions

Conversions Part 2

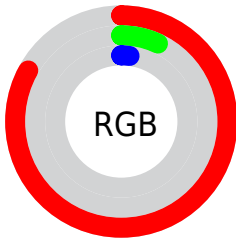
Format	Color
RYB	212, 20, 5
Decimal	13898501
CIELab	44.90, 67.83, 57.14
CIElCh	45, 88.688, 40.114
Yxy	14.4738, 0.6319, 0.3337
Android (android.graphics.Color)	4292088581 (0xFFD41305)
YUV	75.1110, -34.5647, 120.0517
Hunter-Lab	38.0444, 62.0347, 24.3050

Details

The YUV color **75.1110, -34.5647, 120.0517** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **141.8890, 34.5647, -120.0517**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8610, -38.8785, 103.6079**, and **43.9530, -21.6688, 90.3722** is the 20% darker color. If you saturate the color by 10%, you get **71.6060, -35.3018, 123.1255**, and if you desaturate by 10%, it is **89.2450, -31.1798, 107.6561**.

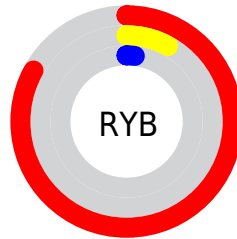
Distribution



Red (83%)

Green (7%)

Blue (2%)



Red (83%)

Yellow (8%)

Blue (2%)

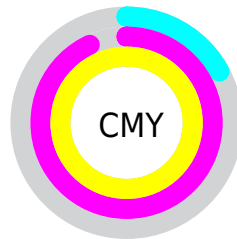


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (17%)



Cyan (17%)


Magenta (93%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.1110, -34.5647, 120.0517 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 75.1110, -34.5647, 120.0517 by changing the saturation by 10% instead.


 75.1110, -34.5647,
120.0517

 75.1110, -34.5647,
120.0517


 253.8600, -4.3680,
0.9998

 53.5210, -26.3859,
110.0451


 136.8610,
-38.8785, 103.6079


 43.9530, -21.6688,
90.3722


 156.6200,
-36.7877, 86.2793


 34.3850, -16.9518,
70.6994


 177.1940,
-34.1126, 68.2359

 25.3440, -11.5086,
51.4413

 197.1810,
-31.1482, 50.7073

 16.3740, -7.0864,
32.9980

 217.1680,
-28.1838, 33.1787


 2.0930, -1.0318,
4.3034


 237.9700,


 0.0000, 0.0000,


-24.6352, 14.9353


0.0000


 250.5540,
-17.0351, 3.8991


 75.1110, -34.5647,
120.0517


 75.1110, -34.5647,
120.0517


 71.6060, -35.3018,
123.1255

 89.2450, -31.1798,
107.6561

 103.3790,
-27.7948, 95.2606

 117.0400,
-23.6837, 83.2799

 131.1740,
-20.2988, 70.8844

 145.3080,
-16.9138, 58.4889

■ 159.4420,
-13.5289, 46.0934

■ 172.9890, -9.8546,
34.2126

■ 187.2370, -6.0328,
21.7172

■ 201.3710, -2.6479,
9.3216

Harmonies

Analogous

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



78.1610, 3.3716, 132.2858



75.1110, -34.5647, 120.0517



99.2520, -48.9312, 61.1690

Triad

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



75.1110, -34.5647, 120.0517



83.2980, -15.9229, -73.0523



93.0530, 79.8399, -81.6075

Complementary

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



75.1110, -34.5647, 120.0517



141.8890, 34.5647, -120.0517

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.



103.4080, 71.2839, -90.6888



75.1110, -34.5647, 120.0517



94.0650, 17.7160, -82.4950

Square

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



75.1110, -34.5647, 120.0517



73.9620, -36.4633, -64.8647



102.1590, 48.7286, -89.5934



105.2790, 57.5435, 23.4343

Rectangle

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



75.1110, -34.5647, 120.0517



99.9180, -49.2596, 26.3819



102.1590, 48.7286, -89.5934



97.7490, 77.5247, -85.7259

Sweetspot

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



75.1110, -34.5647, 120.0517



206.0610, -12.3551, 42.9195



88.8950, 53.7888, 107.9631



98.2160, -7.5015, 26.1206



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.



75.1110, -34.5647, 120.0517



86.2240, -42.5084, 148.0166



135.5720, -64.3720, 67.0274



99.8760, -1.9109, 6.2477



58.1730, -28.6793, 98.9493



14.6180, -7.2067, 24.8910

Inverse Universe

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



141.8890, 34.5647, -120.0517



168.7760, 42.5084, -148.0166



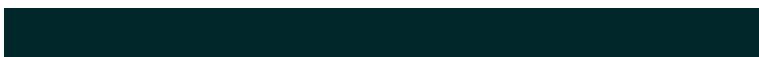
81.4280, 64.3720, -67.0274



103.1240, 1.9109, -6.2477



112.8270, 28.6793, -98.9493



28.3820, 7.2067, -24.8910

Previews

White Background



This preview shows how the YUV color 75.1110, -34.5647, 120.0517 looks on a white 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

Black 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

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

YUV 75.1110, -34.5647, 120.0517

Background



This preview shows how black text looks on a background with the YUV color 75.1110, -34.5647, 120.0517.



This preview shows how white text looks on a background with the YUV color 75.1110, -34.5647,

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

75.1110, -34.5647, 120.0517

Protanopia

102.7670, -36.8601, 15.9903

Deuteranopia

100.5380, -49.5652, 31.1002



Tritanopia

75.1110, -34.5647, 120.0517

Trichromacy



Original Color

75.1110, -34.5647, 120.0517

Protanomaly

92.9380, -35.9584, 53.5514

Deuteranomaly

91.5280, -44.1373, 63.5579

Tritanomaly

75.1110, -34.5647, 120.0517

Monochromacy



Original Color

75.1110, -34.5647, 120.0517

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3600, -12.5025, 43.5343

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1110, -34.5647, 120.0517 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(212, 19, 5)` looks like.

```
.text, #text, p{  
    color:rgb(212, 19, 5)  
}
```

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(212, 19, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 19, 5) }
```

Border

The CSS property to change the border of an element to YUV 75.1110, -34.5647, 120.0517 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(212, 19, 5) }
```


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

```
.border{ border-color:rgb(212, 19, 5) }
```

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

Here you see how a box with a 4 pixel rgb(212, 19, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 19, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 19, 5);  
box-shadow:4px 4px 4px 4px rgb(212, 19, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1110, -34.5647, 120.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 19, 5) }
```

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

```
.background{ background-color: rgb(212, 19,  
5) }
```

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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