

Converting Colors

YUV(106.0210, -35.0134,
77.1576)

Have a look what the booklet for
YUV(106.0210, -35.0134, 77.1576)
contains.

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Color

**YUV(106.0210, -35.0134,
77.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	C24B23
RGB	194, 75, 35
RGB Percent	76%, 29%, 14%
CMY	0.2392, 0.7059, 0.8627
CMYK	0.00, 0.61, 0.82, 0.24
HSL	15°, 69%, 45%
HSV	15°, 82%, 76%
XYZ	25.0676, 16.6228, 3.4774
YIQ	106.0210, 83.7640, 12.7880

Conversions

Conversions Part 2

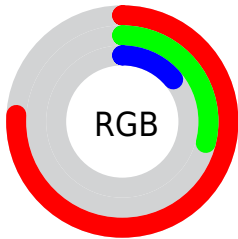
Format	Color
RYB	194, 88, 35
Decimal	12733219
CIELab	47.78, 45.73, 46.51
CIELCh	48, 65.227, 45.487
Yxy	16.6228, 0.5550, 0.3680
Android (android.graphics.Color)	4290923299 (0xFFC24B23)
YUV	106.0210, -35.0134, 77.1576
Hunter-Lab	40.7711, 38.3989, 23.4828

Details

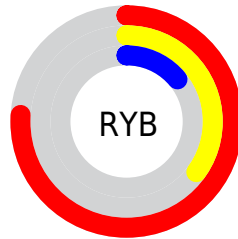
The YUV color **106.0210, -35.0134, 77.1576** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **122.9790, 35.0134, -77.1576**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8430, -38.3766, 82.5757**, and **50.3330, -24.8142, 72.4990** is the 20% darker color. If you saturate the color by 10%, you get **95.0500, -38.9716, 86.7792**, and if you desaturate by 10%, it is **116.9920, -31.0551, 67.5360**.

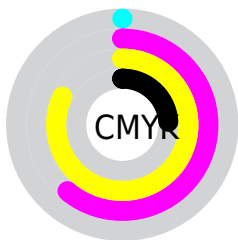
Distribution



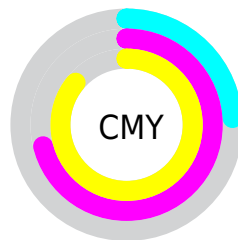
- Red (76%)
- Green (29%)
- Blue (14%)



- Red (76%)
- Yellow (35%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (82%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0210, -35.0134, 77.1576 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 106.0210, -35.0134, 77.1576 by changing the saturation by 10% instead.

■ 106.0210,
-35.0134, 77.1576

■ 106.0210,
-35.0134, 77.1576

■ 255.0000, 0.0000,
0.0000

■ 78.0530, -33.5501,
74.4985

■ 160.8430,
-38.3766, 82.5757

■ 50.3330, -24.8142,
72.4990

■ 179.5420,
-35.2702, 66.1767

■ 30.7970, -15.1829,
63.3220

■ 198.9420,
-32.0164, 49.1629

■ 21.8270, -10.7607,
44.8787

■ 218.4560,
-28.3258, 32.0491

■ 14.2810, -6.0545,
28.6946

■ 238.5570,
-24.9246, 14.4205

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

106.0210,
-35.0134, 77.1576

106.0210,
-35.0134, 77.1576

95.0500, -38.9716,
86.7792

116.9920,
-31.0551, 67.5360

86.7690, -42.7771,
94.0416

127.4900,
-26.3706, 58.3293

138.4610,
-22.4123, 48.7077

148.9590,
-17.7278, 39.5010

159.9300,
-13.7695, 29.8794

■ 170.3140, -9.5218,
20.7726

■ 181.3990, -5.1267,
11.0511

■ 191.7830, -0.8790,
1.9443

■ 202.8680, 3.5161,
-7.7772

Harmonies

Analogous

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



101.8730, -6.8394, 93.9504



106.0210, -35.0134, 77.1576



106.8280, -52.6662, 45.7548

Triad

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



106.0210, -35.0134, 77.1576



89.4080, -2.6661, -78.4108



97.1250, 60.5774, -63.2536

Complementary

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



106.0210, -35.0134, 77.1576



122.9790, 35.0134, -77.1576

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.



99.7430, 59.7797, -87.4746



106.0210, -35.0134, 77.1576



97.0800, 21.6526, -85.1392

Square

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



106.0210, -35.0134, 77.1576



91.2940, -33.1759, -45.8618



101.6060, 44.0712, -89.1085



115.9320, 37.0085, 29.8776

Rectangle

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



106.0210, -35.0134, 77.1576



105.1900, -51.8587, 20.0044



101.6060, 44.0712, -89.1085



94.2150, 63.9840, -82.6266

Sweetspot

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



106.0210, -35.0134, 77.1576



217.2290, -13.9169, 30.4942



96.1070, 28.5412, 85.8522



106.5310, -8.6428, 18.8283



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.



106.0210, -35.0134, 77.1576



115.2470, -54.3518, 119.9324



152.3940, -57.8752, 36.4885



91.7510, -2.3422, 4.6034



71.6190, -35.3082, 78.3871



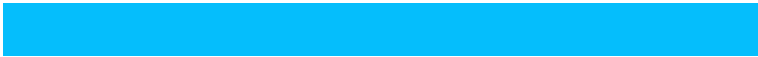
14.5630, -7.1796, 16.1692

Inverse Universe

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



122.9790, 35.0134, -77.1576



141.7530, 54.3518, -119.9324



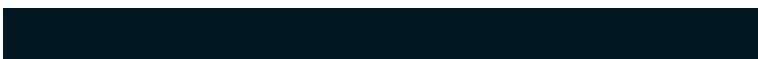
76.6060, 57.8752, -36.4885



92.2490, 2.3422, -4.6034



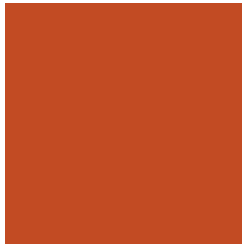
88.7940, 35.5976, -77.8723



18.4370, 7.1796, -16.1692

Previews

White Background



This preview shows how the YUV color 106.0210, -35.0134, 77.1576 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



This preview shows how the YUV color 106.0210, -35.0134, 77.1576 looks on a 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 106.0210, -35.0134, 77.1576

Background



This preview shows how black text looks on a background with the YUV color 106.0210, -35.0134, 77.1576.



This preview shows how white text looks on a background with the YUV color 106.0210, -35.0134,

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

106.0210, -35.0134, 77.1576

Protanopia

110.0210, -32.0554, 14.8906

Deuteranopia

109.0740, -42.4345, 30.6301



Tritanopia

108.5320, -16.5313, 75.8324

Trichromacy



Original Color

106.0210, -35.0134, 77.1576

Protanomaly

108.5230, -33.2888, 37.2523

Deuteranomaly

107.8680, -39.8679, 47.4738

Tritanomaly

107.4090, -23.3726, 76.8173

Monochromacy



Original Color

106.0210, -35.0134, 77.1576

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1470, -12.8905, 27.9351

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0210, -35.0134, 77.1576 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(194, 75, 35)` looks like.

```
.text, #text, p{  
    color:rgb(194, 75, 35)  
}
```

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(194, 75, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 75, 35) }
```

Border

The CSS property to change the border of an element to YUV 106.0210, -35.0134, 77.1576 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(194, 75, 35) }
```


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

```
.border{ border-color:rgb(194, 75, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 75, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 75, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 75, 35);  
box-shadow:4px 4px 4px 4px rgb(194, 75,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 106.0210, -35.0134, 77.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 75, 35) }
```

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

```
.background{ background-color: rgb(194, 75,  
35) }
```

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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