

Converting Colors

YUV(85.5960, -23.4648,
106.4713)

Have a look what the booklet for
YUV(85.5960, -23.4648, 106.4713)
contains.

YUV(85.5960, -23.4648, 106.4713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.5960, -23.4648,
106.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2126
RGB	207, 33, 38
RGB Percent	81%, 13%, 15%
CMY	0.1882, 0.8706, 0.8510
CMYK	0.00, 0.84, 0.82, 0.19
HSL	358°, 72%, 47%
HSV	358°, 84%, 81%
XYZ	26.6258, 14.4931, 3.2278
YIQ	85.5960, 102.0990, 38.4430

Conversions

Conversions Part 2

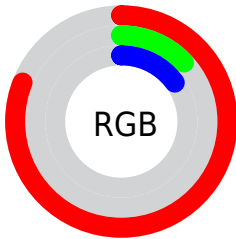
Format	Color
R_{YB}	207, 33, 38
Decimal	13574438
CIE _{Lab}	44.93, 64.52, 43.16
CIE _{LCh}	45, 77.624, 33.778
Yxy	14.4931, 0.6004, 0.3268
Android (android.graphics.Color)	4291764518 (0xFFCF2126)
YUV	85.5960, -23.4648, 106.4713
Hunter-Lab	38.0697, 58.2202, 21.6218

Details

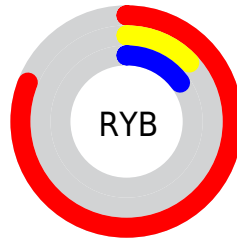
The YUV color **85.5960, -23.4648, 106.4713** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.4040, 23.4648, -106.4713**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3470, -29.2581, 97.9197**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **70.9890, -26.1236, 119.2816**, and if you desaturate by 10%, it is **100.2030, -20.8061, 93.6610**.

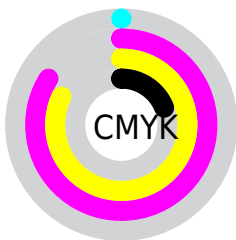
Distribution



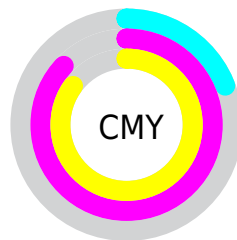
- Red (81%)
- Green (13%)
- Blue (15%)



- Red (81%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.5960, -23.4648, 106.4713 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 85.5960, -23.4648, 106.4713 by changing the saturation by 10% instead.


 85.5960, -23.4648,
106.4713


 85.5960, -23.4648,
106.4713


255.0000, 0.0000,
0.0000


 54.1490, -18.8075,
105.9863


 143.3470,
-29.2581, 97.9197


 43.0560, -21.2266,
88.5279


 163.2200,
-26.7305, 80.4911


 33.4880, -16.5096,
68.8550


 182.6200,
-23.4767, 63.4773

 24.4470, -11.0664,
49.5970

 202.6070,
-20.5123, 45.9487

 15.7760, -6.7916,
31.7684

 223.2950,
-17.4004, 27.8053

 0.0000, 0.0000,
0.0000

 243.5100,

-13.5624, 10.0767

253.8600, -4.3680,
0.9998

85.5960, -23.4648,
106.4713

85.5960, -23.4648,
106.4713

70.9890, -26.1236,
119.2816

100.2030,
-20.8061, 93.6610

62.5770, -27.8925,
126.6590

114.2230,
-17.8579, 81.3654

128.8300,
-15.1992, 68.5551

143.4370,
-12.5404, 55.7448

157.5710, -9.1555,
43.3492

■ 172.1780, -6.4968,
30.5389

■ 186.7850, -3.8380,
17.7286

■ 201.3920, -1.1793,
4.9182

■ 215.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



75.7990, 12.4241, 122.0793



85.5960, -23.4648, 106.4713



98.6870, -48.6527, 65.1725

Triad

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



85.5960, -23.4648, 106.4713



80.6250, -18.5491, -70.7081



93.4630, 71.2567, -81.9671

Complementary

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



85.5960, -23.4648, 106.4713



154.4040, 23.4648, -106.4713

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.



100.6720, 60.8007, -88.2893



85.5960, -23.4648, 106.4713



90.3660, 11.1586, -79.2510

Square

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



85.5960, -23.4648, 106.4713



86.8630, -42.8235, -31.4519



98.2490, 38.8242, -86.1644



106.2240, 54.1196, 1.5576

Rectangle

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



85.5960, -23.4648, 106.4713



100.2720, -49.4341, 35.7185



98.2490, 38.8242, -86.1644



96.8710, 69.0836, -84.9559

Sweetspot

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



85.5960, -23.4648, 106.4713



210.3640, -8.5605, 39.1458



103.0680, 51.2385, 85.8864



100.7750, -5.3121, 23.8763



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.



85.5960, -23.4648, 106.4713



77.0430, -34.5312, 156.0683



132.5730, -49.0895, 65.2725



97.2890, -1.6215, 6.7625



50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Inverse Universe

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



85.5960, -23.4648, 106.4713



77.0430, -34.5312, 156.0683



107.4270, 49.0895, -65.2725



97.2890, -1.6215, 6.7625



50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 85.5960, -23.4648, 106.4713 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 85.5960, -23.4648, 106.4713

Background



This preview shows how black text looks on a background with the YUV color 85.5960, -23.4648, 106.4713.



This preview shows how white text looks on a background with the YUV color 85.5960, -23.4648,

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

85.5960, -23.4648, 106.4713

Protanopia

104.5890, -23.4614, 11.7614

Deuteranopia

102.6330, -40.2451, 28.3859



Tritanopia

85.4990, -26.3750, 106.5564

Trichromacy



Original Color

85.5960, -23.4648, 106.4713

Protanomaly

97.5100, -23.4224, 46.0337

Deuteranomaly

96.4160, -34.2221, 56.6402

Tritanomaly

85.7270, -25.5014, 106.3564

Monochromacy



Original Color

85.5960, -23.4648, 106.4713

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0650, -8.4130, 38.5310

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5960, -23.4648, 106.4713 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(207, 33, 38)` looks like.

```
.text, #text, p{  
    color:rgb(207, 33, 38)  
}
```

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(207, 33, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 33, 38) }
```

Border

The CSS property to change the border of an element to YUV 85.5960, -23.4648, 106.4713 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(207, 33, 38) }
```


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

```
.border{ border-color:rgb(207, 33, 38) }
```

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

Here you see how a box with a 4 pixel rgb(207, 33, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 33, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 33, 38);  
box-shadow:4px 4px 4px 4px rgb(207, 33,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 85.5960, -23.4648, 106.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 33, 38) }
```

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

```
.background{ background-color: rgb(207, 33,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor