

Converting Colors

YUV(85.8590, -22.6085,
65.0217)

Have a look what the booklet for
YUV(85.8590, -22.6085, 65.0217)
contains.

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Color

**YUV(85.8590, -22.6085,
65.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	A03928
RGB	160, 57, 40
RGB Percent	63%, 22%, 16%
CMY	0.3725, 0.7765, 0.8431
CMYK	0.00, 0.64, 0.75, 0.37
HSL	9°, 60%, 39%
HSV	9°, 75%, 63%
XYZ	16.3433, 10.5530, 3.1830
YIQ	85.8590, 66.8450, 16.5490

Conversions

Conversions Part 2

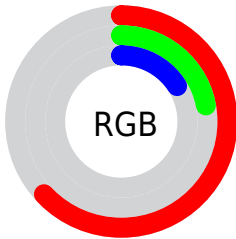
Format	Color
R _Y B	160, 60, 40
Decimal	10500392
CIE Lab	38.82, 41.76, 32.90
CIE LCh	39, 53.161, 38.236
Yxy	10.5530, 0.5433, 0.3508
Android (android.graphics.Color)	4288690472 (0xFFA03928)
YUV	85.8590, -22.6085, 65.0217
Hunter-Lab	32.4854, 32.9533, 16.9304

Details

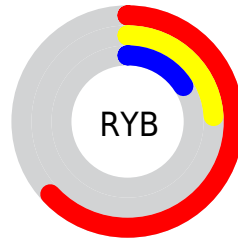
The YUV color **85.8590, -22.6085, 65.0217** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **114.1410, 22.6085, -65.0217**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5670, -26.4085, 70.5397**, and **30.4980, -15.0355, 62.7073** is the 20% darker color. If you saturate the color by 10%, you get **75.8170, -25.5458, 73.8285**, and if you desaturate by 10%, it is **95.9010, -19.6712, 56.2148**.

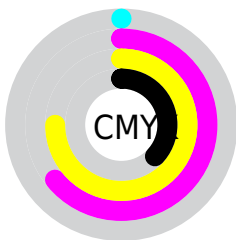
Distribution



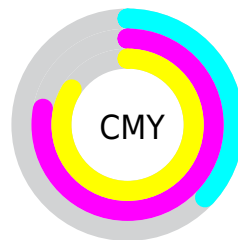
- Red (63%)
- Green (22%)
- Blue (16%)



- Red (63%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (37%)





- Cyan (37%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8590, -22.6085, 65.0217 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 85.8590, -22.6085, 65.0217 by changing the saturation by 10% instead.


 85.8590, -22.6085,
65.0217

 85.8590, -22.6085,
65.0217


255.0000, 0.0000,
0.0000

 58.6460, -19.5455,
62.5775


 139.5670,
-26.4085, 70.5397

 30.4980, -15.0355,
62.7073

 166.9480,
-27.5824, 73.7136


 21.8270, -10.7607,
44.8787

 186.8430,
-25.0656, 59.7737

 14.5800, -6.2019,
29.3093

 206.3570,
-21.3750, 42.6599

 0.0000, 0.0000,
0.0000

 226.4580,
-17.9738, 25.0313

 246.6730,

-14.1358, 7.3028

253.9740, -3.9312,
0.8998

85.8590, -22.6085,
65.0217

85.8590, -22.6085,
65.0217

75.8170, -25.5458,
73.8285

95.9010, -19.6712,
56.2148

66.3620, -28.7725,
82.1205

105.3560,
-16.4445, 47.9228

61.3410, -30.2411,
86.5239

115.3980,
-13.5072, 39.1160

125.4400,
-10.5699, 30.3091

135.4820, -7.6326,
21.5023

■ 144.9370, -4.4059,
13.2103

■ 154.9790, -1.4686,
4.4034

■ 165.0210, 1.4686,
-4.4034

■ 175.0630, 4.4059,
-13.2103

Harmonies

Analogous

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



84.4080, -1.6801, 72.4332



85.8590, -22.6085, 65.0217



85.8630, -42.3305, 43.9701

Triad

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



85.8590, -22.6085, 65.0217



70.4810, -6.6461, -61.8118



74.8830, 50.8367, -65.6724

Complementary

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



85.8590, -22.6085, 65.0217



114.1410, 22.6085, -65.0217

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.



81.2430, 44.7432, -71.2501



85.8590, -22.6085, 65.0217



76.8990, 12.8678, -67.4404

Square

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



85.8590, -22.6085, 65.0217



77.4480, -33.2519, -21.4409



80.9860, 31.0659, -71.0247



93.6710, 32.7002, 11.6895

Rectangle

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



85.8590, -22.6085, 65.0217



86.0300, -42.4128, 23.6527



80.9860, 31.0659, -71.0247



77.8180, 49.3897, -68.2464

Sweetspot

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



85.8590, -22.6085, 65.0217



179.4610, -9.1013, 25.9057



87.7360, 27.7382, 63.3755



86.3180, -5.5798, 16.3841



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8590, -22.6085, 65.0217



93.0610, -35.5261, 101.6785



120.4920, -39.6826, 34.6485



73.9790, -1.4686, 4.4034



54.4970, -26.8670, 77.6171



5.6590, -2.7899, 8.1921

Inverse Universe

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



114.1410, 22.6085, -65.0217



136.9390, 35.5261, -101.6785



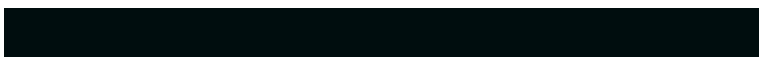
79.5080, 39.6826, -34.6485



76.0210, 1.4686, -4.4034



88.5030, 26.8670, -77.6171



9.3410, 2.7899, -8.1921

Previews

White Background



This preview shows how the YUV color 85.8590, -22.6085, 65.0217 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 85.8590, -22.6085, 65.0217 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 85.8590, -22.6085, 65.0217

Background



This preview shows how black text looks on a background with the YUV color 85.8590, -22.6085, 65.0217.



This preview shows how white text looks on a background with the YUV color 85.8590, -22.6085,

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

85.8590, -22.6085, 65.0217

Protanopia

90.0170, -19.2354, 9.6321

Deuteranopia

89.8030, -28.0039, 22.0978



Tritanopia

87.0360, -14.3147, 64.8664

Trichromacy



Original Color

85.8590, -22.6085, 65.0217

Protanomaly

88.2090, -20.3160, 29.6347

Deuteranomaly

88.4720, -25.8687, 37.2971

Tritanomaly

86.8250, -17.6617, 65.0515

Monochromacy



Original Color

85.8590, -22.6085, 65.0217

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6780, -8.2223, 23.9614

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8590, -22.6085, 65.0217 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(160, 57, 40)` looks like.

```
.text, #text, p{  
    color:rgb(160, 57, 40)  
}
```

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(160, 57, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 57, 40) }
```

Border

The CSS property to change the border of an element to YUV 85.8590, -22.6085, 65.0217 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(160, 57, 40) }
```


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

```
.border{ border-color:rgb(160, 57, 40) }
```

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

Here you see how a box with a 4 pixel rgb(160, 57, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 57, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 57, 40);  
box-shadow:4px 4px 4px 4px rgb(160, 57,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 85.8590, -22.6085, 65.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 57, 40) }
```

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

```
.background{ background-color: rgb(160, 57,  
40) }
```

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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