

Converting Colors

YUV(85.9330, -14.7570,
66.7108)

Have a look what the booklet for
YUV(85.9330, -14.7570, 66.7108)
contains.

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Color

**YUV(85.9330, -14.7570,
66.7108)**

Conversions

Conversions Part 1

Format	Color
Hex	A23538
RGB	162, 53, 56
RGB Percent	64%, 21%, 22%
CMY	0.3647, 0.7922, 0.7804
CMYK	0.00, 0.67, 0.65, 0.36
HSL	358°, 51%, 42%
HSV	358°, 67%, 64%
XYZ	16.8872, 10.5131, 4.8806
YIQ	85.9330, 64.0010, 24.0410

Conversions

Conversions Part 2

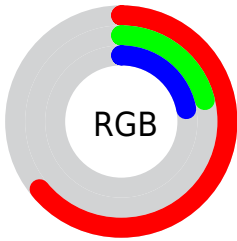
Format	Color
R _Y B	162, 53, 56
Decimal	10630456
CIE Lab	38.75, 45.11, 23.35
CIE LCh	39, 50.790, 27.368
Yxy	10.5131, 0.5231, 0.3257
Android (android.graphics.Color)	4288820536 (0xFFA23538)
YUV	85.9330, -14.7570, 66.7108
Hunter-Lab	32.4239, 36.2254, 13.7722

Details

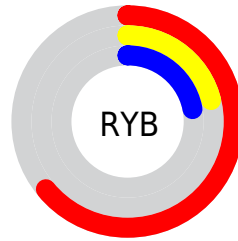
The YUV color **85.9330, -14.7570, 66.7108** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.0670, 14.7570, -66.7108**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3420, -18.4096, 71.6141**, and **32.6920, -9.2152, 62.5371** is the 20% darker color. If you saturate the color by 10%, you get **74.7170, -17.1155, 76.5472**, and if you desaturate by 10%, it is **97.1490, -12.3985, 56.8743**.

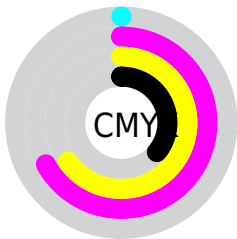
Distribution



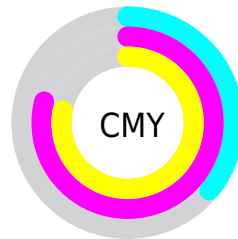
- Red (64%)
- Green (21%)
- Blue (22%)



- Red (64%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9330, -14.7570, 66.7108 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 85.9330, -14.7570, 66.7108 by changing the saturation by 10% instead.

■ 85.9330, -14.7570,
66.7108

■ 85.9330, -14.7570,
66.7108

■ 255.0000, 0.0000,
0.0000

■ 57.8450, -11.2626,
65.9109

■ 140.3420,
-18.4096, 71.6141

■ 32.6920, -9.2152,
62.5371

■ 168.3100,
-19.8728, 74.2731

■ 22.4250, -11.0555,
46.1083

■ 187.7210,
-16.6245, 59.0037

■ 15.1780, -6.4968,
30.5389

■ 207.2350,
-12.9339, 41.8899

■ 0.0000, 0.0000,
0.0000

■ 226.7490, -9.2433,
24.7761

■ 247.0780, -4.9685,

6.9476

■ 85.9330, -14.7570,
66.7108

■ 85.9330, -14.7570,
66.7108

■ 74.7170, -17.1155,
76.5472

■ 97.1490, -12.3985,
56.8743

■ 63.5010, -19.4740,
86.3836

■ 108.3650,
-10.0399, 47.0379

■ 51.8120, -21.1063,
96.6349

■ 120.0540, -8.4076,
36.7866

■ 48.8940, -22.1327,
99.1940

■ 131.2700, -6.0491,
26.9502

■ 142.4860, -3.6906,
17.1138

■ 153.7020, -1.3321,
7.2773

■ 164.8040, 0.5896,
-2.4591

■ 176.6070, 2.6587,
-12.8103

■ 187.8230, 5.0173,
-22.6468

Harmonies

Analogous

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



86.7860, 5.0355, 65.0857



85.9330, -14.7570, 66.7108



86.7850, -33.9110, 50.1776

Triad

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



85.9330, -14.7570, 66.7108



67.8250, -11.7457, -59.4825



76.7750, 47.9319, -67.3317

Complementary

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



85.9330, -14.7570, 66.7108



129.0670, 14.7570, -66.7108

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.



80.4620, 39.2122, -70.5652



85.9330, -14.7570, 66.7108



74.3740, 5.7316, -65.2260

Square

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



85.9330, -14.7570, 66.7108



80.5270, -39.6998, -6.6012



79.1620, 24.0771, -69.4251



91.4620, 36.2542, -8.2982

Rectangle

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



85.9330, -14.7570, 66.7108



86.0960, -42.4453, 34.1188



79.1620, 24.0771, -69.4251



78.8950, 45.9008, -69.1909

Sweetspot

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



85.9330, -14.7570, 66.7108



181.9710, -5.9017, 26.3354



96.8210, 32.1332, 53.6540



88.8880, -3.3958, 15.8842



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



85.9330, -14.7570, 66.7108



91.9980, -23.1700, 105.2418



115.5280, -30.8263, 40.7559



75.8050, -0.8899, 5.4330



43.8110, -19.6268, 88.7428



5.3820, -2.6533, 11.0660

Inverse Universe

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



85.9330, -14.7570, 66.7108



91.9980, -23.1700, 105.2418



99.4720, 30.8263, -40.7559



75.8050, -0.8899, 5.4330



43.8110, -19.6268, 88.7428



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 85.9330, -14.7570, 66.7108 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 85.9330, -14.7570, 66.7108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

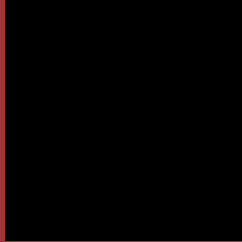
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9330, -14.7570, 66.7108

Background



This preview shows how black text looks on a background with the YUV color 85.9330, -14.7570, 66.7108.



This preview shows how white text looks on a background with the YUV color 85.9330, -14.7570,

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

85.9330, -14.7570, 66.7108

Protanopia

91.4000, -10.0572, 5.7882

Deuteranopia

91.1430, -20.2835, 19.1686



Tritanopia

85.9330, -14.7570, 66.7108

Trichromacy



Original Color

85.9330, -14.7570, 66.7108

Protanomaly

89.4890, -11.5801, 27.6351

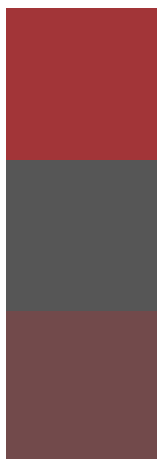
Deuteranomaly

89.1220, -18.3011, 36.7270

Tritanomaly

85.9330, -14.7570, 66.7108

Monochromacy



Original Color

85.9330, -14.7570, 66.7108

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0740, -5.4595, 24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9330, -14.7570, 66.7108 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(162, 53, 56)` looks like.

```
.text, #text, p{  
    color:rgb(162, 53, 56)  
}
```

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(162, 53, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 53, 56) }
```

Border

The CSS property to change the border of an element to YUV 85.9330, -14.7570, 66.7108 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(162, 53, 56) }
```


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

```
.border{ border-color:rgb(162, 53, 56) }
```

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

Here you see how a box with a 4 pixel rgb(162, 53, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 53, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 53, 56);  
box-shadow:4px 4px 4px 4px rgb(162, 53,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 85.9330, -14.7570, 66.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 53, 56) }
```

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

```
.background{ background-color: rgb(162, 53,  
56) }
```

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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