

Converting Colors

YUV(93.6510, -17.0829,
66.0811)

Have a look what the booklet for
YUV(93.6510, -17.0829, 66.0811)
contains.

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Color

**YUV(93.6510, -17.0829,
66.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	A93E3B
RGB	169, 62, 59
RGB Percent	66%, 24%, 23%
CMY	0.3373, 0.7569, 0.7686
CMYK	0.00, 0.63, 0.65, 0.34
HSL	2°, 48%, 45%
HSV	2°, 65%, 66%
XYZ	18.8742, 12.1960, 5.4970
YIQ	93.6510, 64.7350, 21.7510

Conversions

Conversions Part 2

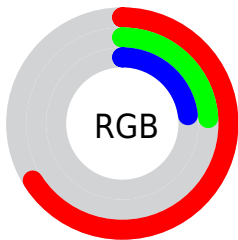
Format	Color
RYB	169, 62, 59
Decimal	11091515
CIELab	41.53, 43.75, 25.26
CIElCh	42, 50.521, 30.005
Yxy	12.1960, 0.5162, 0.3335
Android (android.graphics.Color)	4289281595 (0xFFA93E3B)
YUV	93.6510, -17.0829, 66.0811
Hunter-Lab	34.9228, 35.3564, 15.1135

Details

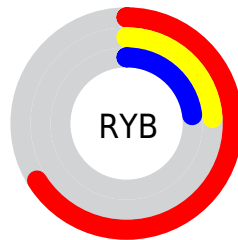
The YUV color **93.6510, -17.0829, 66.0811** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.3490, 17.0829, -66.0811**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4730, -20.4462, 71.4992**, and **35.1270, -8.9366, 66.5406** is the 20% darker color. If you saturate the color by 10%, you get **82.3210, -19.8783, 76.0175**, and if you desaturate by 10%, it is **104.9810, -14.2876, 56.1447**.

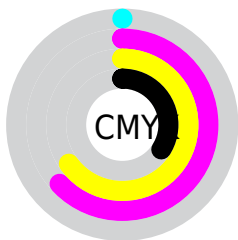
Distribution



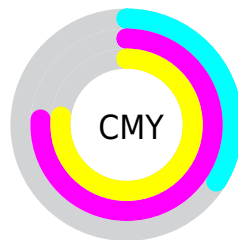
- Red (66%)
- Green (24%)
- Blue (23%)



- Red (66%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (63%)
- Yellow (65%)
- Black (34%)





- Cyan (34%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.6510, -17.0829, 66.0811 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 93.6510, -17.0829, 66.0811 by changing the saturation by 10% instead.


 93.6510, -17.0829,
66.0811

 93.6510, -17.0829,
66.0811


255.0000, 0.0000,
0.0000


 66.6230, -14.6041,
64.3516


 147.4730,
-20.4462, 71.4992


 35.1270, -8.9366,
66.5406


 174.0600,
-20.7356, 70.9844


 24.5180, -12.0874,
50.4117

 193.4600,
-17.4818, 53.9706


 16.8580, -7.8180,
34.3275

 212.9740,
-13.7912, 36.8568

 5.0830, -2.5059,
10.4512

 232.4880,
-10.1006, 19.7430

 0.0000, 0.0000,
0.0000

 252.8170, -5.8258,

1.9145

■ 93.6510, -17.0829,
66.0811

■ 93.6510, -17.0829,
66.0811

■ 82.3210, -19.8783,
76.0175

■ 104.9810,
-14.2876, 56.1447

■ 70.4040, -22.3842,
86.4687

■ 116.8980,
-11.7817, 45.6935

■ 59.0740, -25.1795,
96.4051

■ 128.2280, -8.9864,
35.7570

■ 53.4660, -26.3587,
101.3233

■ 140.1450, -6.4805,
25.3058

■ 151.3610, -4.1220,
15.4694

■ 163.2780, -1.6161,
5.0182

■ 174.6080, 1.1793,
-4.9182

■ 186.5250, 3.6852,
-15.3694

■ 197.8550, 6.4805,
-25.3058

Harmonies

Analogous

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



94.5150, 2.7041, 66.2003



93.6510, -17.0829, 66.0811



94.3180, -35.6528, 48.8331

Triad

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



93.6510, -17.0829, 66.0811



73.0740, -9.4035, -64.0859



81.0950, 49.2532, -71.1203

Complementary

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



93.6510, -17.0829, 66.0811



134.3490, 17.0829, -66.0811

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.



85.7110, 41.5545, -75.1685



93.6510, -17.0829, 66.0811



79.7370, 8.5107, -69.9293

Square

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



93.6510, -17.0829, 66.0811



87.1290, -36.0526, -9.7601



84.4110, 26.4194, -74.0284



99.1530, 34.9276, -2.7652

Rectangle

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



93.6510, -17.0829, 66.0811



91.9880, -45.3501, 32.4595



84.4110, 26.4194, -74.0284



83.3290, 47.6588, -73.0795

Sweetspot

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



93.6510, -17.0829, 66.0811



189.3300, -7.0647, 26.0206



104.2020, 30.9594, 56.8278



91.6600, -4.2694, 16.0842



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.6510, -17.0829, 66.0811



102.0640, -26.6536, 102.5529



125.3490, -32.7101, 38.2819



78.3920, -1.1793, 4.9182



46.6000, -22.9738, 88.9278



6.5670, -3.2375, 11.7807

Inverse Universe

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



134.3490, 17.0829, -66.0811



165.5230, 26.3642, -103.0677



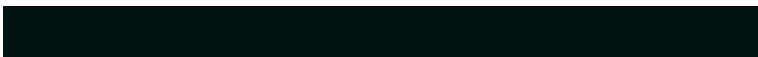
102.6510, 32.7101, -38.2819



81.6080, 1.1793, -4.9182



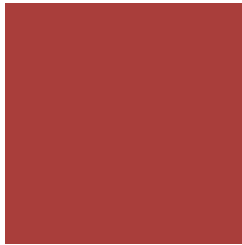
101.4000, 22.9738, -88.9278



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 93.6510, -17.0829, 66.0811 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 93.6510, -17.0829, 66.0811 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 93.6510, -17.0829, 66.0811

Background



This preview shows how black text looks on a background with the YUV color 93.6510, -17.0829, 66.0811.



This preview shows how white text looks on a background with the YUV color 93.6510, -17.0829,

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

93.6510, -17.0829, 66.0811

Protanopia

98.1290, -12.3886, 6.9029

Deuteranopia

97.3990, -21.8887, 20.6981



Tritanopia

93.7480, -14.1728, 65.9960

Trichromacy



Original Color

93.6510, -17.0829, 66.0811

Protanomaly

96.8050, -14.2009, 28.2350

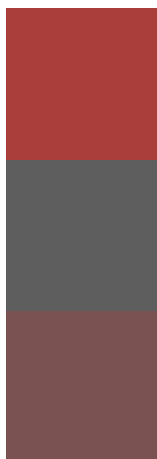
Deuteranomaly

95.6660, -20.0483, 37.1269

Tritanomaly

93.5200, -15.0464, 66.1960

Monochromacy



Original Color

93.6510, -17.0829, 66.0811

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5470, -6.1857, 24.0763

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6510, -17.0829, 66.0811 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(169, 62, 59)` looks like.

```
.text, #text, p{  
    color:rgb(169, 62, 59)  
}
```

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(169, 62, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 62, 59) }
```

Border

The CSS property to change the border of an element to YUV 93.6510, -17.0829, 66.0811 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(169, 62, 59) }
```


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

```
.border{ border-color:rgb(169, 62, 59) }
```

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

Here you see how a box with a 4 pixel rgb(169, 62, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(169, 62,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 93.6510, -17.0829, 66.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 62, 59) }
```

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

```
.background{ background-color: rgb(169, 62,  
59) }
```

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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