

Converting Colors

YUV(91.7730, 0.6049, -54.1749)

Have a look what the booklet for
YUV(91.7730, 0.6049, -54.1749)
contains.

YUV(91.7730, 0.6049, -54.1749)	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(91.7730, 0.6049,
-54.1749)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7B5D
RGB	30, 123, 93
RGB Percent	12%, 48%, 36%
CMY	0.8824, 0.5176, 0.6353
CMYK	0.76, 0.00, 0.24, 0.52
HSL	161°, 61%, 30%
HSV	161°, 76%, 48%
XYZ	9.5942, 15.2323, 12.7904
YIQ	91.7730, -45.7980, -29.0460

Conversions

Conversions Part 2

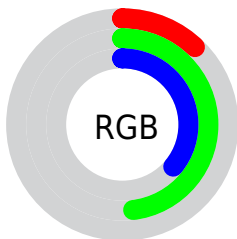
Format	Color
R_{YB}	30, 85, 123
Decimal	1997661
CIE _{Lab}	45.95, -34.22, 8.86
CIE _{LCh}	46, 35.352, 165.483
Yxy	15.2323, 0.2551, 0.4049
Android (android.graphics.Color)	4280187741 (0xFF1E7B5D)
YUV	91.7730, 0.6049, -54.1749
Hunter-Lab	39.0285, -24.4202, 7.8895

Details

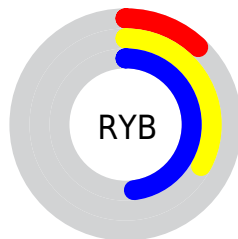
The YUV color **91.7730, 0.6049, -54.1749** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61.2270, -0.6049, 54.1749**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2250, -1.5899, -50.1863**, and **48.2090, -0.5960, -42.2793** is the 20% darker color. If you saturate the color by 10%, you get **87.7290, 0.6266, -61.1523**, and if you desaturate by 10%, it is **95.8170, 0.5832, -47.1975**.

Distribution



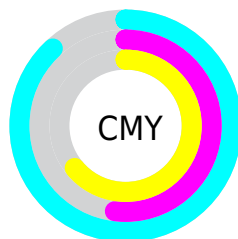
- Red (12%)
- Green (48%)
- Blue (36%)



- Red (12%)
- Yellow (33%)
- Blue (48%)



- Cyan (76%)
- Magenta (0%)
- Yellow (24%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7730, 0.6049, -54.1749 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 91.7730, 0.6049, -54.1749 by changing the saturation by 10% instead.

91.7730, 0.6049,
-54.1749

91.7730, 0.6049,
-54.1749

255.0000, 0.0000,
0.0000

65.3920, 1.7787,
-57.3488

146.2250, -1.5899,
-50.1863

48.2090, -0.5960,
-42.2793

174.1110, -2.0267,
-50.0863

32.3140, -3.1128,
-28.3394

201.6980, -2.3161,
-50.6011

17.0230, -8.3923,
-14.9292

226.7630, -0.8692,
-48.0272

0.0000, 0.0000,
0.0000

238.7400, 7.5232,
-33.0980

247.5250, 3.6852,

-15.3694

■ 91.7730, 0.6049,
-54.1749

■ 91.7730, 0.6049,
-54.1749

■ 87.7290, 0.6266,
-61.1523

■ 95.8170, 0.5832,
-47.1975

■ 83.3860, 0.7957,
-68.7445

■ 100.1600, 0.4141,
-39.6053

■ 81.6630, 0.6591,
-71.6185

■ 104.2040, 0.3924,
-32.6279

■ 108.2480, 0.3707,
-25.6505

■ 112.2920, 0.3490,
-18.6731

■ 116.6350, 0.1799,
-11.0809

■ 120.6790, 0.1583,
-4.1035

■ 124.7230, 0.1366,
2.8739

■ 129.0660, -0.0325,
10.4661

Harmonies

Analogous

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



100.6990, -17.1066, -19.9070



91.7730, 0.6049, -54.1749



86.9240, 18.2785, -76.2323

Triad

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



91.7730, 0.6049, -54.1749



108.0450, 28.5718, -17.5795



108.4110, -19.9226, 43.4896

Complementary

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



91.7730, 0.6049, -54.1749



61.2270, -0.6049, 54.1749

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.



110.0600, -7.4246, 48.1824



91.7730, 0.6049, -54.1749



112.1480, 19.1540, 16.5332

Square

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



91.7730, 0.6049, -54.1749



87.0160, 38.9391, -76.3130



111.2620, 6.2798, 39.2352



107.2490, -27.7308, 27.8456

Rectangle

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



91.7730, 0.6049, -54.1749



88.3890, 26.4302, -77.5172



111.2620, 6.2798, 39.2352



108.7580, -16.1497, 46.6932

Sweetspot

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



91.7730, 0.6049, -54.1749



148.5690, 0.2125, -21.5470



93.8600, -31.4830, -28.8182



74.2110, -0.1040, -13.3400



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



91.7730, 0.6049, -54.1749



111.5750, 0.7025, -85.5733



85.8010, 18.3391, -48.9375



58.9780, 0.0108, -3.4887



83.0650, 0.9540, -72.8480



167.4180, 1.7659, -146.8256

Inverse Universe

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



61.2270, -0.6049, 54.1749



63.4250, -0.7025, 85.5733



66.6120, -18.0497, 49.4523



57.0220, -0.0108, 3.4887



41.9350, -0.9540, 72.8480



84.5820, -1.7659, 146.8256

Previews

White Background



This preview shows how the YUV color 91.7730, 0.6049, -54.1749 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 91.7730, 0.6049, -54.1749 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 91.7730, 0.6049, -54.1749

Background



This preview shows how black text looks on a background with the YUV color 91.7730, 0.6049, -54.1749.



This preview shows how white text looks on a background with the YUV color 91.7730, 0.6049, -54.1749.

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

91.7730, 0.6049, -54.1749

Protanopia

107.5850, -10.6414, 6.5030

Deuteranopia

108.8830, -5.8583, 12.3806



Tritanopia

98.2100, 14.6865, -44.0342

Trichromacy



Original Color

91.7730, 0.6049, -54.1749

Protanomaly

101.5930, -6.2083, -15.4291

Deuteranomaly

102.7120, -3.3090, -12.0254

Tritanomaly

95.8090, 9.4612, -48.0675

Monochromacy



Original Color

91.7730, 0.6049, -54.1749

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.5800, 0.2071, -19.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7730, 0.6049, -54.1749 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(30, 123, 93)` looks like.

```
.text, #text, p{  
    color:rgb(30, 123, 93)  
}
```

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(30, 123, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 123, 93) }
```

Border

The CSS property to change the border of an element to YUV 91.7730, 0.6049, -54.1749 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(30, 123, 93) }
```


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

```
.border{ border-color:rgb(30, 123, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 123, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 123, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 123, 93);  
box-shadow:4px 4px 4px 4px rgb(30, 123,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 91.7730, 0.6049, -54.1749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 123, 93) }
```

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

```
.background{ background-color: rgb(30, 123,  
93) }
```

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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