

Converting Colors

YUV(87.9010, -10.3042,
-55.1642)

Have a look what the booklet for
YUV(87.9010, -10.3042, -55.1642)
contains.

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Color

**YUV(87.9010, -10.3042,
-55.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	197C43
RGB	25, 124, 67
RGB Percent	10%, 49%, 26%
CMY	0.9020, 0.5137, 0.7373
CMYK	0.80, 0.00, 0.46, 0.51
HSL	145°, 66%, 29%
HSV	145°, 80%, 49%
XYZ	8.6217, 15.0272, 7.7563
YIQ	87.9010, -40.7070, -38.7150

Conversions

Conversions Part 2

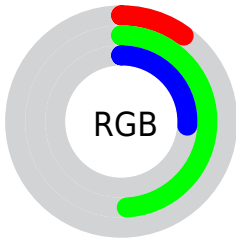
Format	Color
RYB	25, 95, 124
Decimal	1670211
CIELab	45.67, -41.17, 23.42
CIELCh	46, 47.364, 150.362
Yxy	15.0272, 0.2745, 0.4785
Android (android.graphics.Color)	4279860291 (0xFF197C43)
YUV	87.9010, -10.3042, -55.1642
Hunter-Lab	38.7650, -28.1387, 15.2724




Details

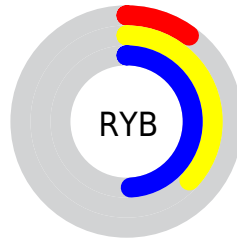
The YUV color **87.9010, -10.3042, -55.1642** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61.0990, 10.3042, 55.1642**, and the grayscale version is **88.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **143.4240, -13.5200, -50.3608**, and **45.9460, -11.8054, -40.2946** is the 20% darker color. If you saturate the color by 10%, you get **83.5150, -11.5929, -61.8417**, and if you desaturate by 10%, it is **92.2870, -9.0155, -48.4867**.

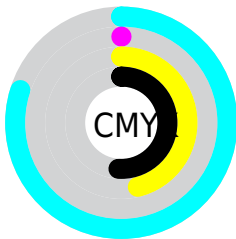
Distribution







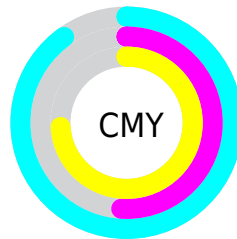
-  Red (10%)
-  Green (49%)
-  Blue (26%)






-  Red (10%)
-  Yellow (37%)
-  Blue (49%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (46%)
-  Black (51%)



-  Cyan (90%)
-  Magenta (51%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9010, -10.3042, -55.1642 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 87.9010, -10.3042, -55.1642 by changing the saturation by 10% instead.

■ 87.9010, -10.3042,
-55.1642

■ 87.9010, -10.3042,
-55.1642

255.0000, 0.0000,
0.0000

■ 62.5420, -9.1412,
-54.8493

■ 143.4240,
-13.5200, -50.3608

■ 45.9460, -11.8054,
-40.2946

■ 170.6090,
-14.1042, -49.6461

■ 29.3500, -14.4695,
-25.7399

■ 198.9680,
-15.2672, -49.9609

■ 16.4360, -8.1029,
-14.4144

■ 222.8590,
-13.2415, -46.3573

■ 0.0000, 0.0000,
0.0000

■ 234.7220, -5.2859,
-31.3282

■ 246.5850, 2.6696,

-16.2990

■ 87.9010, -10.3042,
-55.1642

■ 87.9010, -10.3042,
-55.1642

■ 83.5150, -11.5929,
-61.8417

■ 92.2870, -9.0155,
-48.4867

■ 78.8300, -12.7342,
-69.1339

■ 96.9720, -7.8742,
-41.1944

■ 101.3580, -6.5855,
-34.5170

■ 106.1570, -5.0074,
-27.3247

■ 110.5430, -3.7187,
-20.6472

■ 114.9290, -2.4300,
-13.9697

■ 119.6140, -1.2887,
-6.6775

■ 124.0000, 0.0000,
0.0000

■ 128.6850, 1.1413,
7.2923

Harmonies

Analogous

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



98.8670, -31.9794, -9.5304



87.9010, -10.3042, -55.1642



86.7470, 9.9847, -76.0771

Triad

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



87.9010, -10.3042, -55.1642



87.0620, 49.2694, -76.3534



105.5150, -17.5089, 62.6923

Complementary

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



87.9010, -10.3042, -55.1642



61.0990, 10.3042, 55.1642

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.



107.3250, 0.8258, 61.9820



87.9010, -10.3042, -55.1642



109.7080, 33.1750, -0.6209

Square

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



87.9010, -10.3042, -55.1642



91.7920, 42.0075, -80.5016



110.4760, 18.4993, 39.9245



105.2900, -33.1740, 47.1037

Rectangle

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



87.9010, -10.3042, -55.1642



89.9390, 22.2151, -78.8765



110.4760, 18.4993, 39.9245



106.1330, -11.4046, 64.7814

Sweetspot

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



87.9010, -10.3042, -55.1642



146.7170, -4.2975, -21.6768



100.4550, -37.1993, -15.3080



73.2280, -2.5774, -13.3550



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.



87.9010, -10.3042, -55.1642



104.5090, -16.0269, -86.3924



93.4870, 11.0989, -60.0631



58.8640, -0.4260, -3.3887



79.4170, -13.0236, -69.6487



160.1220, -26.1891, -140.4270

Inverse Universe

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



61.0990, 10.3042, 55.1642



62.4910, 16.0269, 86.3924



55.5130, -11.0989, 60.0631



57.2500, 0.8628, 3.2887



45.5830, 13.0236, 69.6487



91.8780, 26.1891, 140.4270

Previews

White Background



This preview shows how the YUV color 87.9010, -10.3042, -55.1642 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 87.9010, -10.3042, -55.1642 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 87.9010, -10.3042, -55.1642

Background



This preview shows how black text looks on a background with the YUV color 87.9010, -10.3042, -55.1642.



This preview shows how white text looks on a background with the YUV color 87.9010, -10.3042, -55.1642.

-55.1642.

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

87.9010, -10.3042, -55.1642

Protanopia

105.6320, -22.0036, 10.8467

Deuteranopia

107.2400, -17.3733, 19.0835



Tritanopia

98.7050, 13.9494, -40.9603

Trichromacy



Original Color

87.9010, -10.3042, -55.1642

Protanomaly

99.2160, -17.8545, -13.3444

Deuteranomaly

100.3460, -14.9606, -8.1964

Tritanomaly

94.9680, 4.9458, -46.4529

Monochromacy



Original Color

87.9010, -10.3042, -55.1642

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8420, -3.8661, -20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9010, -10.3042, -55.1642 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(25, 124, 67)` looks like.

```
.text, #text, p{  
    color:rgb(25, 124, 67)  
}
```

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(25, 124, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 124, 67) }
```

Border

The CSS property to change the border of an element to YUV 87.9010, -10.3042, -55.1642 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(25, 124, 67) }
```


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

```
.border{ border-color:rgb(25, 124, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 124, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 124, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 124, 67);  
box-shadow:4px 4px 4px 4px rgb(25, 124,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 87.9010, -10.3042, -55.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 124, 67) }
```

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

```
.background{ background-color: rgb(25, 124,  
67) }
```

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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