

Converting Colors

YUV(87.3550, 18.0660,
-54.6853)

Have a look what the booklet for
YUV(87.3550, 18.0660, -54.6853)
contains.

YUV(87.3550, 18.0660, -54.6853)	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(87.3550, 18.0660,
-54.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	19707C
RGB	25, 112, 124
RGB Percent	10%, 44%, 49%
CMY	0.9020, 0.5608, 0.5137
CMYK	0.80, 0.10, 0.00, 0.51
HSL	187°, 66%, 29%
HSV	187°, 80%, 49%
XYZ	9.8332, 13.2503, 21.1081
YIQ	87.3550, -55.7040, -14.7120

Conversions

Conversions Part 2

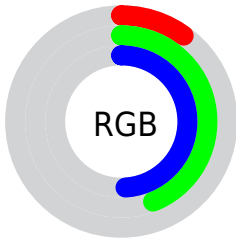
Format	Color
RYB	25, 71, 124
Decimal	1667196
CIELab	43.14, -20.18, -13.79
CIELCh	43, 24.443, 214.343
Yxy	13.2503, 0.2225, 0.2998
Android (android.graphics.Color)	4279857276 (0xFF19707C)
YUV	87.3550, 18.0660, -54.6853
Hunter-Lab	36.4009, -15.4824, -8.9003

Details

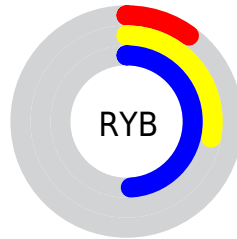
The YUV color **87.3550, 18.0660, -54.6853** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61.6450, -18.0660, 54.6853**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4590, 17.0287, -48.6375**, and **46.1180, 14.2388, -40.4455** is the 20% darker color. If you saturate the color by 10%, you get **82.5930, 20.4137, -61.0331**, and if you desaturate by 10%, it is **92.1170, 15.7183, -48.3376**.

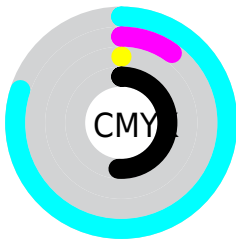
Distribution



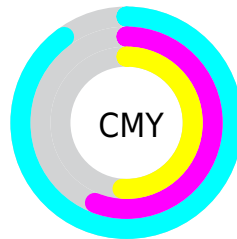
- Red (10%)
- Green (44%)
- Blue (49%)



- Red (10%)
- Yellow (28%)
- Blue (49%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (90%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3550, 18.0660, -54.6853 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 87.3550, 18.0660, -54.6853 by changing the saturation by 10% instead.

87.3550, 18.0660,
-54.6853

87.3550, 18.0660,
-54.6853

255.0000, 0.0000,
0.0000

62.3550, 18.0660,
-54.6853

142.4590, 17.0287,
-48.6375

46.1180, 14.2388,
-40.4455

169.7580, 16.8813,
-48.0228

30.1090, 11.2853,
-26.4056

197.7580, 16.8813,
-48.0228

15.2740, 7.7529,
-13.3953

225.7750, 14.4079,
-48.0377

0.5700, 2.1840,
-0.4999

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 87.3550, 18.0660,
-54.6853

■ 87.3550, 18.0660,
-54.6853

■ 82.5930, 20.4137,
-61.0331

■ 92.1170, 15.7183,
-48.3376

■ 78.1190, 22.6193,
-68.5104

■ 96.5910, 13.5126,
-40.8603

■ 101.3530, 11.1650,
-34.5126

■ 105.8270, 8.9593,
-27.0353

■ 110.5890, 6.6116,
-20.6876

■ 114.7640, 4.5533,
-13.8250

■ 119.8250, 2.0583,
-6.8625

■ 124.0000, 0.0000,
0.0000

■ 129.0610, -2.4951,
6.9625

Harmonies

Analogous

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



90.4460, 6.6821, -43.3641



87.3550, 18.0660, -54.6853



93.1700, 22.1012, -42.2451

Triad

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



87.3550, 18.0660, -54.6853



104.7930, 7.4971, 22.1065



100.6150, -19.5302, 10.8616

Complementary

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



87.3550, 18.0660, -54.6853



61.6450, -18.0660, 54.6853

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.



102.1590, -17.8264, 24.4166



87.3550, 18.0660, -54.6853



104.0410, -1.9922, 32.4130

Square

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



87.3550, 18.0660, -54.6853



104.0340, 15.2662, 3.4782



103.2230, -11.4489, 32.2534



97.7700, -14.6766, -5.9373

Rectangle

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



87.3550, 18.0660, -54.6853



97.8560, 21.7630, -27.0607



103.2230, -11.4489, 32.2534



100.7620, -19.1097, 15.9947

Sweetspot

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



87.3550, 18.0660, -54.6853



146.4040, 7.1958, -21.4023



84.4810, -23.4081, -52.1648



73.0630, 4.4059, -13.2103



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.



87.3550, 18.0660, -54.6853



103.5020, 28.3465, -85.5093



58.5920, 32.2461, -29.4602



58.6190, 1.1738, -3.1739



78.8200, 22.7667, -69.1251



159.0420, 45.8283, -139.4798

Inverse Universe

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



64.5190, 23.4081, 52.1648



67.8490, 36.5564, 81.6934



90.4080, -32.2461, 29.4602



57.3640, 1.2995, 3.1888



49.9150, 29.6219, 65.8495



100.6560, 59.8226, 132.7287

Previews

White Background



This preview shows how the YUV color 87.3550, 18.0660, -54.6853 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 87.3550, 18.0660, -54.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

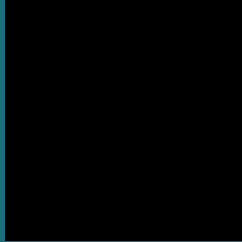
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3550, 18.0660, -54.6853

Background



This preview shows how black text looks on a background with the YUV color 87.3550, 18.0660, -54.6853.

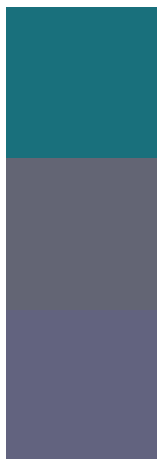


This preview shows how white text looks on a background with the YUV color 87.3550, 18.0660,

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

87.3550, 18.0660, -54.6853

Protanopia

102.1120, 6.8468, -2.7292

Deuteranopia

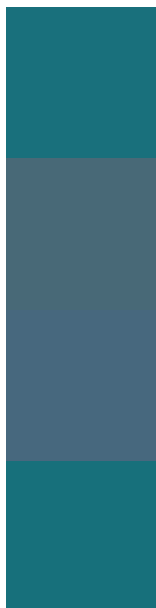
101.8930, 12.3778, -3.4142



Tritanopia

86.2300, 17.6346, -56.3297

Trichromacy



Original Color

87.3550, 18.0660, -54.6853

Protanomaly

96.7290, 10.9796, -21.6873

Deuteranomaly

96.6410, 14.4740, -22.4872

Tritanomaly

86.6430, 17.9240, -55.8149

Monochromacy



Original Color

87.3550, 18.0660, -54.6853

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3550, 18.0660, -54.6853 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, 112, 124)` looks like.

```
.text, #text, p{  
    color:rgb(25, 112, 124)  
}
```

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, 112, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 112, 124) }
```

Border

The CSS property to change the border of an element to YUV 87.3550, 18.0660, -54.6853 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, 112, 124) }
```


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

```
.border{ border-color:rgb(25, 112, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 112, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(25, 112,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 87.3550, 18.0660, -54.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 112, 124) }
```

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

```
.background{ background-color: rgb(25, 112,  
124) }
```

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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