

Converting Colors

YUV(86.5200, 11.0826,
-54.8300)

Have a look what the booklet for
YUV(86.5200, 11.0826, -54.8300)
contains.

YUV(86.5200, 11.0826, -54.8300)	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(86.5200, 11.0826,
-54.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	18726D
RGB	24, 114, 109
RGB Percent	9%, 45%, 43%
CMY	0.9059, 0.5529, 0.5725
CMYK	0.79, 0.00, 0.04, 0.55
HSL	177°, 65%, 27%
HSV	177°, 79%, 45%
XYZ	9.1543, 13.3329, 16.5590
YIQ	86.5200, -52.0350, -20.6350

Conversions

Conversions Part 2

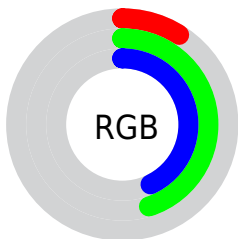
Format	Color
R_{YB}	24, 70, 114
Decimal	1602157
CIE _{Lab}	43.26, -26.24, -4.58
CIE _{LCh}	43, 26.639, 189.903
Yxy	13.3329, 0.2344, 0.3415
Android (android.graphics.Color)	4279792237 (0xFF18726D)
YUV	86.5200, 11.0826, -54.8300
Hunter-Lab	36.5143, -19.1492, -1.3277

Details

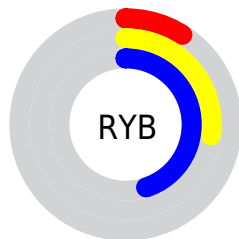
The YUV color **86.5200, 11.0826, -54.8300** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.4800, -11.0826, 54.8300**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0970, 9.3192, -49.1971**, and **45.2230, 8.2711, -39.6606** is the 20% darker color. If you saturate the color by 10%, you get **83.1170, 12.2673, -61.4926**, and if you desaturate by 10%, it is **89.9230, 9.8980, -48.1675**.

Distribution



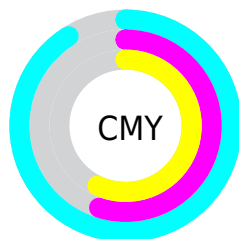
- Red (9%)
- Green (45%)
- Blue (43%)



- Red (9%)
- Yellow (27%)
- Blue (45%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5200, 11.0826, -54.8300 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 86.5200, 11.0826, -54.8300 by changing the saturation by 10% instead.

86.5200, 11.0826,
-54.8300

86.5200, 11.0826,
-54.8300

255.0000, 0.0000,
0.0000

61.9330, 11.3720,
-54.3152

141.0970, 9.3192,
-49.1971

45.2230, 8.2711,
-39.6606

168.9830, 8.8824,
-49.0971

29.8010, 5.0281,
-26.1355

196.9830, 8.8824,
-49.0971

14.0200, 2.9481,
-12.2955

224.9830, 8.8824,
-49.0971

0.0000, 0.0000,
0.0000

237.6580, 8.5496,
-35.6571

246.3290, 4.2748,

-17.8285

■ 86.5200, 11.0826,
-54.8300

■ 86.5200, 11.0826,
-54.8300

■ 83.1170, 12.2673,
-61.4926

■ 89.9230, 9.8980,
-48.1675

■ 79.5290, 14.0362,
-68.8699

■ 93.5110, 8.1291,
-40.7901

■ 79.2300, 14.1836,
-69.4847

■ 96.9140, 6.9444,
-34.1276

■ 100.6160, 5.6123,
-26.8502

■ 103.9050, 3.9908,
-20.0877

■ 107.3080, 2.8062,
-13.4251

■ 110.8960, 1.0373,
-6.0478

■ 114.2990, -0.1474,
0.6148

■ 118.0010, -1.4795,
7.8921

Harmonies

Analogous

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



93.4770, -3.6862, -31.1133



86.5200, 11.0826, -54.8300



81.1510, 24.0826, -71.1694

Triad

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



86.5200, 11.0826, -54.8300



104.7680, 15.3974, 8.0965



101.8770, -20.1524, 23.7869

Complementary

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



86.5200, 11.0826, -54.8300



51.4800, -11.0826, 54.8300

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.



103.2510, -13.9277, 33.9829



86.5200, 11.0826, -54.8300



105.1850, 6.3178, 27.0248

Square

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



86.5200, 11.0826, -54.8300



100.9220, 21.7305, -16.5946



104.1940, -4.0396, 35.7869



99.6640, -20.5404, 8.1877

Rectangle

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



86.5200, 11.0826, -54.8300



88.9020, 25.1913, -53.4111



104.1940, -4.0396, 35.7869



102.0670, -18.2740, 28.0052

Sweetspot

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



86.5200, 11.0826, -54.8300



137.0080, 4.4331, -21.9320



78.6240, -26.9296, -42.6432



67.6070, 2.6587, -12.8103



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.5200, 11.0826, -54.8300



104.9290, 17.2900, -85.8837



64.1970, 24.5529, -35.2528



54.2060, 0.8844, -3.6887



83.3220, 14.6313, -73.0734



171.6650, 30.7312, -150.5502

Inverse Universe

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



51.4800, -11.0826, 54.8300



50.0710, -17.2900, 85.8837



73.8030, -24.5529, 35.2528



51.9080, -0.4476, 3.5887



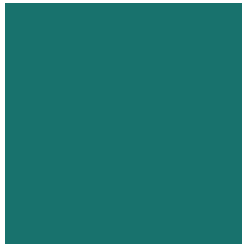
36.6780, -14.6313, 73.0734



75.4490, -30.2944, 150.4502

Previews

White Background



This preview shows how the YUV color 86.5200, 11.0826, -54.8300 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 86.5200, 11.0826, -54.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

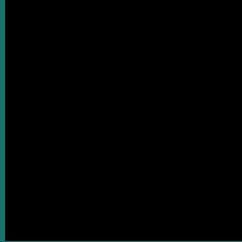
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5200, 11.0826, -54.8300

Background



This preview shows how black text looks on a background with the YUV color 86.5200, 11.0826, -54.8300.



This preview shows how white text looks on a background with the YUV color 86.5200, 11.0826,

-54.8300.

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

86.5200, 11.0826, -54.8300

Protanopia

101.5980, -0.2948, 1.2296

Deuteranopia

102.8740, 4.4991, 3.6185



Tritanopia

89.4050, 15.5763, -49.4672

Trichromacy



Original Color

86.5200, 11.0826, -54.8300

Protanomaly

96.2040, 3.8434, -19.4729

Deuteranomaly

96.7250, 7.0376, -17.2988

Tritanomaly

88.6390, 13.9820, -51.4264

Monochromacy



Original Color

86.5200, 11.0826, -54.8300

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5200, 11.0826, -54.8300 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(24, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(24, 114, 109)  
}
```

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(24, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 114, 109) }
```

Border

The CSS property to change the border of an element to YUV 86.5200, 11.0826, -54.8300 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(24, 114, 109) }
```


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

```
.border{ border-color:rgb(24, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(24, 114,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 86.5200, 11.0826, -54.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 114, 109) }
```

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

```
.background{ background-color: rgb(24, 114,  
109) }
```

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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