

Converting Colors

YUV(82.8180, 15.8657,
-48.9524)

Have a look what the booklet for
YUV(82.8180, 15.8657, -48.9524)
contains.

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Color

**YUV(82.8180, 15.8657,
-48.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	1B6973
RGB	27, 105, 115
RGB Percent	11%, 41%, 45%
CMY	0.8941, 0.5882, 0.5490
CMYK	0.77, 0.09, 0.00, 0.55
HSL	187°, 62%, 28%
HSV	187°, 77%, 45%
XYZ	8.5981, 11.5740, 18.0005
YIQ	82.8180, -49.6980, -13.4260

Conversions

Conversions Part 2

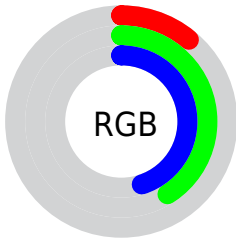
Format	Color
R_{YB}	27, 68, 115
Decimal	1796467
CIE _{Lab}	40.53, -19.21, -12.30
CIE _{LCh}	41, 22.815, 212.624
Yxy	11.5740, 0.2252, 0.3032
Android (android.graphics.Color)	4279986547 (0xFF1B6973)
YUV	82.8180, 15.8657, -48.9524
Hunter-Lab	34.0205, -14.4233, -7.5564




Details

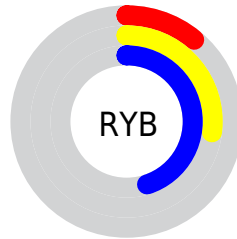
The YUV color **82.8180, 15.8657, -48.9524** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.1820, -15.8657, 48.9524**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **136.3240, 15.1233, -44.1341**, and **41.0970, 12.7702, -36.0421** is the 20% darker color. If you saturate the color by 10%, you get **78.9420, 17.7766, -55.2001**, and if you desaturate by 10%, it is **86.9930, 13.8075, -42.0899**.

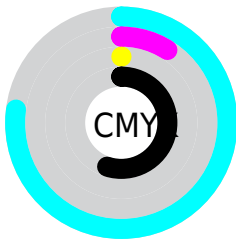
Distribution







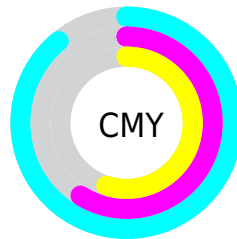
-  Red (11%)
-  Green (41%)
-  Blue (45%)






-  Red (11%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (77%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (89%)
-  Magenta (59%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8180, 15.8657, -48.9524 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 82.8180, 15.8657, -48.9524 by changing the saturation by 10% instead.

82.8180, 15.8657,
-48.9524

82.8180, 15.8657,
-48.9524

255.0000, 0.0000,
0.0000

57.8070, 15.8711,
-50.6967

136.3240, 15.1233,
-44.1341

41.0970, 12.7702,
-36.0421

163.6230, 14.9759,
-43.5194

26.2620, 9.2378,
-23.0318

191.3240, 15.1233,
-44.1341

5.7850, 9.4730,
-5.0734

220.0250, 15.2707,
-44.7489

0.0000, 0.0000,
0.0000

237.9570, 8.4022,
-35.0423

246.3290, 4.2748,

-17.8285

■ 82.8180, 15.8657,
-48.9524

■ 82.8180, 15.8657,
-48.9524

■ 78.9420, 17.7766,
-55.2001

■ 86.9930, 13.8075,
-42.0899

■ 74.1800, 20.1243,
-61.5479

■ 91.4560, 11.6072,
-36.3569

■ 72.9840, 20.7139,
-64.0070

■ 95.6310, 9.5489,
-29.4944

■ 99.5070, 7.6380,
-23.2466

■ 104.2690, 5.2904,
-16.8989

■ 108.1450, 3.3795,
-10.6512

■ 112.3200, 1.3212,
-3.7886

■ 116.1960, -0.5896,
2.4591

■ 120.9580, -2.9373,
8.8068

Harmonies

Analogous

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



85.8380, 5.5029, -38.4459



82.8180, 15.8657, -48.9524



87.3230, 20.0538, -38.8713

Triad

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



82.8180, 15.8657, -48.9524



98.3690, 7.2131, 19.8474



94.3700, -17.9304, 11.0765

Complementary

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



82.8180, 15.8657, -48.9524



59.1820, -15.8657, 48.9524

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.



95.9030, -16.2212, 22.8871



82.8180, 15.8657, -48.9524



97.5460, -1.2552, 29.3392

Square

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



82.8180, 15.8657, -48.9524



97.2080, 14.6875, 2.4486



96.5540, -10.1331, 30.2091



92.0090, -13.8084, -4.3929

Rectangle

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



82.8180, 15.8657, -48.9524



91.6990, 19.8684, -26.0460



96.5540, -10.1331, 30.2091



94.8050, -17.6519, 15.0800

Sweetspot

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



82.8180, 15.8657, -48.9524



138.0730, 5.8800, -19.3580



79.6820, -21.5352, -46.2021



68.6610, 4.1111, -11.9807



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



82.8180, 15.8657, -48.9524



99.9330, 24.6830, -77.1172



57.5770, 28.3095, -26.8160



56.6190, 1.1738, -3.1739



77.3040, 22.0351, -67.7956



158.8140, 44.9547, -139.2799

Inverse Universe

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



62.2040, 21.0984, 46.3021



67.2840, 33.3840, 72.5419



84.4230, -28.3095, 26.8160



55.3640, 1.2995, 3.1888



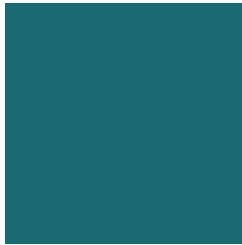
48.7900, 29.1905, 64.2052



100.0580, 60.1174, 131.4991

Previews

White Background



This preview shows how the YUV color 82.8180, 15.8657, -48.9524 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 82.8180, 15.8657, -48.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

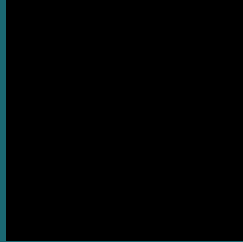
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8180, 15.8657, -48.9524

Background



This preview shows how black text looks on a background with the YUV color 82.8180, 15.8657, -48.9524.



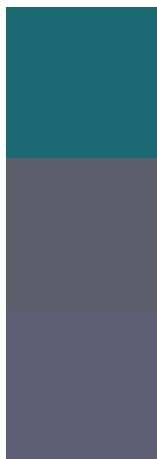
This preview shows how white text looks on a background with the YUV color 82.8180, 15.8657,

-48.9524.

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

82.8180, 15.8657, -48.9524

Protanopia

95.2970, 6.2626, -2.0145

Deuteranopia

95.8500, 10.9200, -2.4994



Tritanopia

82.4050, 15.5763, -49.4672

Trichromacy



Original Color

82.8180, 15.8657, -48.9524

Protanomaly

90.8110, 9.9532, -19.1282

Deuteranomaly

90.9080, 12.8634, -19.2133

Tritanomaly

82.4050, 15.5763, -49.4672

Monochromacy



Original Color

82.8180, 15.8657, -48.9524

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0840, 5.8746, -17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8180, 15.8657, -48.9524 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(27, 105, 115)` looks like.

```
.text, #text, p{  
    color:rgb(27, 105, 115)  
}
```

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(27, 105, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 105, 115) }
```

Border

The CSS property to change the border of an element to YUV 82.8180, 15.8657, -48.9524 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(27, 105, 115) }
```


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

```
.border{ border-color:rgb(27, 105, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 105, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 105, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 105, 115);  
box-shadow:4px 4px 4px 4px rgb(27, 105,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 82.8180, 15.8657, -48.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 105, 115) }
```

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

```
.background{ background-color: rgb(27, 105,  
115) }
```

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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