

Converting Colors

YUV(80.1410, -4.0135, -19.4177)

Have a look what the booklet for
YUV(80.1410, -4.0135, -19.4177)
contains.

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Color

**YUV(80.1410, -4.0135,
-19.4177)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5D48
RGB	58, 93, 72
RGB Percent	23%, 36%, 28%
CMY	0.7725, 0.6353, 0.7176
CMYK	0.38, 0.00, 0.23, 0.64
HSL	144°, 23%, 30%
HSV	144°, 38%, 36%
XYZ	6.8290, 9.1961, 7.5460
YIQ	80.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

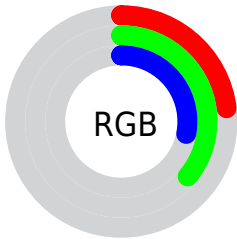
Format	Color
RYB	58, 83, 93
Decimal	3824968
CIELab	36.36, -17.82, 8.12
CIElCh	36, 19.588, 155.500
Yxy	9.1961, 0.2897, 0.3901
Android (android.graphics.Color)	4282015048 (0xFF3A5D48)
YUV	80.1410, -4.0135, -19.4177
Hunter-Lab	30.3251, -12.8722, 6.4741

Details

The YUV color **80.1410, -4.0135, -19.4177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.8590, 4.0135, 19.4177**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3150, -4.5923, -20.4473**, and **34.3690, -3.1399, -19.6176** is the 20% darker color. If you saturate the color by 10%, you get **76.7660, -5.3076, -24.3508**, and if you desaturate by 10%, it is **83.5160, -2.7194, -14.4845**.

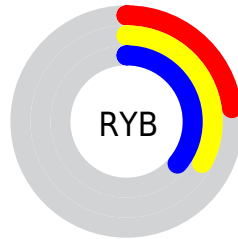
Distribution



Red (23%)

Green (36%)

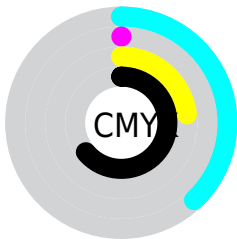
Blue (28%)



Red (23%)

Yellow (33%)

Blue (36%)

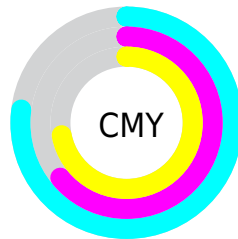


Cyan (38%)

Magenta (0%)

Yellow (23%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1410, -4.0135, -19.4177 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 80.1410, -4.0135, -19.4177 by changing the saturation by 10% instead.

■ 80.1410, -4.0135,
-19.4177

■ 80.1410, -4.0135,
-19.4177

255.0000, 0.0000,
0.0000

■ 56.6680, -3.2873,
-19.0028

■ 130.3150, -4.5923,
-20.4473

■ 34.3690, -3.1399,
-19.6176

■ 155.9020, -4.8817,
-20.9621

■ 16.1910, -6.5032,
-14.1995

■ 182.9020, -4.8817,
-20.9621

■ 0.0000, 0.0000,
0.0000

■ 210.4890, -5.1711,
-21.4769

■ 239.0760, -5.4605,
-21.9917

■ 251.1130, 1.9163,

-7.9921

■ 80.1410, -4.0135,
-19.4177

■ 80.1410, -4.0135,
-19.4177

■ 76.7660, -5.3076,
-24.3508

■ 83.5160, -2.7194,
-14.4845

■ 73.2060, -6.0176,
-29.9987

■ 87.0760, -2.0095,
-8.8367

■ 69.8310, -7.3117,
-34.9318

■ 90.4510, -0.7153,
-3.9035

■ 66.5700, -8.1690,
-39.9649

■ 93.7120, 0.1420,
1.1296

■ 63.1950, -9.4631,
-44.8980

■ 97.3860, 1.2887,
6.6775

■ 59.6350, -10.1731,
-50.5459

■ 100.6470, 2.1460,
11.7106

■ 58.8090, -10.7518,
-51.5755

■ 104.0220, 3.4402,
16.6437

■ 107.3970, 4.7343,
21.5768

■ 110.9570, 5.4442,
27.2247

Harmonies

Analogous

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



82.6930, -11.1876, -4.9928



80.1410, -4.0135, -19.4177



77.1700, 5.3392, -32.5981

Triad

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



80.1410, -4.0135, -19.4177



84.4510, 16.0467, -13.5505



86.7490, -9.2433, 24.7761

Complementary

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



80.1410, -4.0135, -19.4177



70.8590, 4.0135, 19.4177

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.



87.5840, -2.2599, 24.9208



80.1410, -4.0135, -19.4177



86.8230, 11.9193, 3.6632

Square

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



80.1410, -4.0135, -19.4177



79.8680, 16.8271, -30.5792



88.1900, 5.3293, 17.3734



85.4510, -14.0263, 18.8985

Rectangle

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



80.1410, -4.0135, -19.4177



76.2170, 10.7390, -37.9013



88.1900, 5.3293, 17.3734



86.7430, -6.7753, 26.5354

Sweetspot

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



80.1410, -4.0135, -19.4177



115.2010, -1.5781, -7.1923



84.8240, -13.2242, -5.1076



58.0380, -1.0047, -4.4183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.1410, -4.0135, -19.4177



100.0920, -6.4544, -29.8987



82.1930, 3.8489, -21.2173



44.1630, -0.5734, -2.7740



69.5860, -12.6139, -61.0269



149.9490, -27.0899, -131.5053

Inverse Universe

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



70.8590, 4.0135, 19.4177



85.7940, 6.0176, 29.9987



68.9210, -3.4121, 21.1173



42.8370, 0.5734, 2.7740



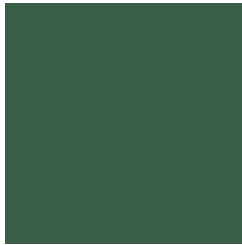
40.4140, 12.6139, 61.0269



87.0510, 27.0899, 131.5053

Previews

White Background



This preview shows how the YUV color 80.1410, -4.0135, -19.4177 looks on a white background.

Color Contrast Check

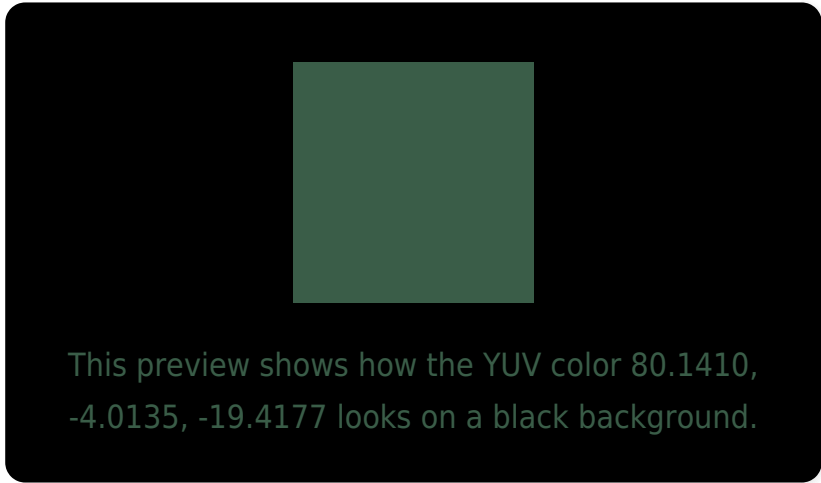
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

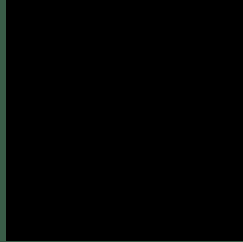
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1410, -4.0135, -19.4177

Background



This preview shows how black text looks on a background with the YUV color 80.1410, -4.0135, -19.4177.



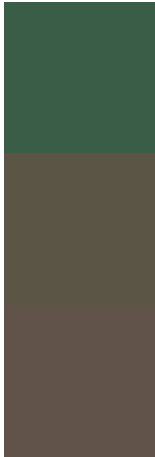
This preview shows how white text looks on a background with the YUV color 80.1410, -4.0135,

-19.4177.

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

80.1410, -4.0135, -19.4177

Protanopia

84.5570, -8.1626, 4.7735

Deuteranopia

85.5730, -5.7055, 10.0215



Tritanopia

82.7250, 7.0376, -17.2988

Trichromacy



Original Color

80.1410, -4.0135, -19.4177

Protanomaly

82.8440, -6.8251, -4.2482

Deuteranomaly

83.6210, -5.2362, -0.5446

Tritanomaly

81.6880, 3.1118, -18.1434

Monochromacy



Original Color

80.1410, -4.0135, -19.4177

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2010, -1.5781, -7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1410, -4.0135, -19.4177 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(58, 93, 72)` looks like.

```
.text, #text, p{  
    color:rgb(58, 93, 72)  
}
```

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(58, 93, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 93, 72) }
```

Border

The CSS property to change the border of an element to YUV 80.1410, -4.0135, -19.4177 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(58, 93, 72) }
```


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

```
.border{ border-color:rgb(58, 93, 72) }
```

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

Here you see how a box with a 4 pixel rgb(58, 93, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 93, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 93, 72);  
box-shadow:4px 4px 4px 4px rgb(58, 93, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.1410, -4.0135, -19.4177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 93, 72) }
```

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

```
.background{ background-color: rgb(58, 93,  
72) }
```

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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