

Converting Colors

YUV(80.7480, 2.0962, -19.0730)

Have a look what the booklet for
YUV(80.7480, 2.0962, -19.0730)
contains.

YUV(80.7480, 2.0962, -19.0730)	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(80.7480, 2.0962,
-19.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5B55
RGB	59, 91, 85
RGB Percent	23%, 36%, 33%
CMY	0.7686, 0.6431, 0.6667
CMYK	0.35, 0.00, 0.07, 0.64
HSL	169°, 21%, 29%
HSV	169°, 35%, 36%
XYZ	7.1844, 9.0679, 9.9659
YIQ	80.7480, -17.1460, -8.6500

Conversions

Conversions Part 2

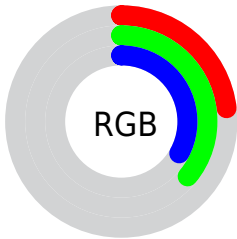
Format	Color
RYB	59, 77, 91
Decimal	3890005
CIELab	36.11, -13.22, -0.28
CIELCh	36, 13.227, 181.213
Yxy	9.0679, 0.2740, 0.3459
Android (android.graphics.Color)	4282080085 (0xFF3B5B55)
YUV	80.7480, 2.0962, -19.0730
Hunter-Lab	30.1129, -10.1105, 1.4568

Details

The YUV color **80.7480, 2.0962, -19.0730** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.2520, -2.0962, 19.0730**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4490, 2.2436, -19.6878**, and **34.8620, 2.5330, -19.1730** is the 20% darker color. If you saturate the color by 10%, you get **77.8290, 2.5493, -24.4060**, and if you desaturate by 10%, it is **83.6670, 1.6432, -13.7400**.

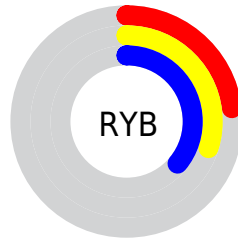
Distribution



Red (23%)

Green (36%)

Blue (33%)



Red (23%)

Yellow (30%)

Blue (36%)

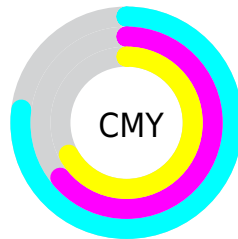


Cyan (35%)

Magenta (0%)

Yellow (7%)

Black (64%)



Cyan (77%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7480, 2.0962, -19.0730 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 80.7480, 2.0962, -19.0730 by changing the saturation by 10% instead.

80.7480, 2.0962,
-19.0730

80.7480, 2.0962,
-19.0730

255.0000, 0.0000,
0.0000

57.1610, 2.3856,
-18.5582

130.4490, 2.2436,
-19.6878

34.8620, 2.5330,
-19.1730

156.7370, 2.1017,
-20.8173

16.9550, 1.5012,
-14.8695

183.7370, 2.1017,
-20.8173

0.0000, 0.0000,
0.0000

211.3240, 1.8123,
-21.3321

240.0250, 1.9597,
-21.9469

251.4120, 1.7689,

-7.3773

■ 80.7480, 2.0962,
-19.0730

■ 80.7480, 2.0962,
-19.0730

■ 77.8290, 2.5493,
-24.4060

■ 83.6670, 1.6432,
-13.7400

■ 75.0240, 3.4392,
-29.8390

■ 86.4720, 0.7533,
-8.3069

■ 72.1050, 3.8922,
-35.1721

■ 89.3910, 0.3002,
-2.9739

■ 69.1860, 4.3453,
-40.5051

■ 92.3100, -0.1528,
2.3591

■ 66.2670, 4.7984,
-45.8382

■ 95.5280, -0.7533,
8.3069

■ 63.1630, 5.8356,
-51.8860

■ 98.3330, -1.6432,
13.7400

■ 61.8530, 5.9885,
-54.2451

■ 101.2520, -2.0962,
19.0730

■ 104.1710, -2.5493,
24.4060

■ 106.9760, -3.4392,
29.8390

Harmonies

Analogous

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



81.8970, -3.8932, -11.3107



80.7480, 2.0962, -19.0730



80.8060, 7.4906, -22.6319

Triad

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



80.7480, 2.0962, -19.0730



85.8890, 8.4357, 0.9743



85.6830, -9.2107, 14.3100

Complementary

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



80.7480, 2.0962, -19.0730



69.2520, -2.0962, 19.0730

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.



85.9160, -5.8746, 17.6137



80.7480, 2.0962, -19.0730



86.8040, 4.0406, 10.6959

Square

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



80.7480, 2.0962, -19.0730



84.3930, 10.6523, -9.9917



86.5830, -0.7804, 17.0287



84.4110, -10.0626, 7.5326

Rectangle

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



80.7480, 2.0962, -19.0730



81.6860, 9.5218, -20.7726



86.5830, -0.7804, 17.0287



85.9220, -8.3425, 15.8544

Sweetspot

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



80.7480, 2.0962, -19.0730



112.8850, 1.0427, -7.7921



79.5780, -10.1450, -12.7849



56.3800, 0.3057, -4.7183



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.7480, 2.0962, -19.0730



101.3230, 3.2918, -29.2243



75.5620, 7.6109, -14.5249



44.3910, 0.3002, -2.9739



74.7160, 7.0420, -65.5259



161.1210, 15.7163, -141.3031

Inverse Universe

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



69.2520, -2.0962, 19.0730



83.6770, -3.2918, 29.2243



74.4380, -7.6109, 14.5249



42.6090, -0.3002, 2.9739



35.2840, -7.0420, 65.5259



75.8790, -15.7163, 141.3031

Previews

White Background



This preview shows how the YUV color 80.7480, 2.0962, -19.0730 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



This preview shows how the YUV color 80.7480, 2.0962, -19.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

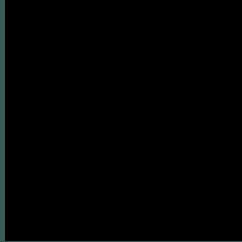
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.7480, 2.0962, -19.0730

Background



This preview shows how black text looks on a background with the YUV color 80.7480, 2.0962, -19.0730.



This preview shows how white text looks on a background with the YUV color 80.7480, 2.0962, -19.0730.

-19.0730.

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

80.7480, 2.0962, -19.0730

Protanopia

84.5550, -1.7526, 2.1443

Deuteranopia

85.5600, 0.7099, 5.6479



Tritanopia

81.7250, 7.0376, -17.2988

Trichromacy



Original Color

80.7480, 2.0962, -19.0730

Protanomaly

83.4400, -0.7099, -5.6479

Deuteranomaly

83.6190, 1.1738, -3.1739

Tritanomaly

81.5570, 5.1484, -18.0285

Monochromacy



Original Color

80.7480, 2.0962, -19.0730

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7480, 2.0962, -19.0730 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(59, 91, 85)` looks like.

```
.text, #text, p{  
    color:rgb(59, 91, 85)  
}
```

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(59, 91, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 91, 85) }
```

Border

The CSS property to change the border of an element to YUV 80.7480, 2.0962, -19.0730 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(59, 91, 85) }
```


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

```
.border{ border-color:rgb(59, 91, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 91, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 91, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 91, 85);  
box-shadow:4px 4px 4px 4px rgb(59, 91, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.7480, 2.0962, -19.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 91, 85) }
```

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

```
.background{ background-color: rgb(59, 91,  
85) }
```

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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