

Converting Colors

YUV(80.4150, 7.1904, -19.6580)

Have a look what the booklet for
YUV(80.4150, 7.1904, -19.6580)
contains.

YUV(80.4150, 7.1904, -19.6580)	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(80.4150, 7.1904,
-19.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	3A595F
RGB	58, 89, 95
RGB Percent	23%, 35%, 37%
CMY	0.7725, 0.6510, 0.6275
CMYK	0.39, 0.06, 0.00, 0.63
HSL	190°, 24%, 30%
HSV	190°, 39%, 37%
XYZ	7.3829, 8.8705, 12.1495
YIQ	80.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

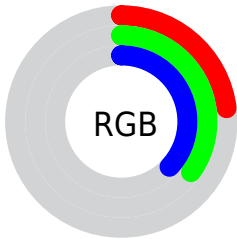
Format	Color
R_{YB}	58, 75, 95
Decimal	3823967
CIE _{Lab}	35.73, -9.65, -7.09
CIE _{LCh}	36, 11.978, 216.294
Yxy	8.8705, 0.2599, 0.3123
Android (android.graphics.Color)	4282014047 (0xFF3A595F)
YUV	80.4150, 7.1904, -19.6580
Hunter-Lab	29.7834, -7.8735, -3.3377

Details

The YUV color **80.4150, 7.1904, -19.6580** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.5850, -7.1904, 19.6580**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1160, 7.3378, -20.2727**, and **33.8170, 7.4852, -20.8875** is the 20% darker color. If you saturate the color by 10%, you get **76.2510, 9.2433, -24.7761**, and if you desaturate by 10%, it is **84.5790, 5.1376, -14.5398**.

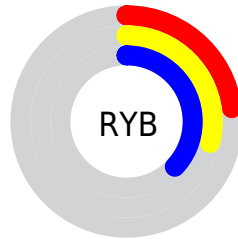
Distribution



Red (23%)

Green (35%)

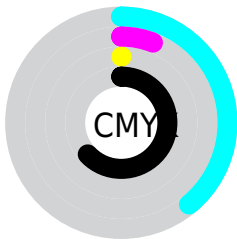
Blue (37%)



Red (23%)

Yellow (29%)

Blue (37%)

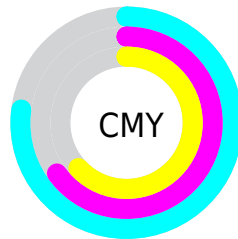


Cyan (39%)

Magenta (6%)

Yellow (0%)

Black (63%)



Cyan (77%)

Magenta (65%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4150, 7.1904, -19.6580 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 80.4150, 7.1904, -19.6580 by changing the saturation by 10% instead.

80.4150, 7.1904,
-19.6580

80.4150, 7.1904,
-19.6580

255.0000, 0.0000,
0.0000

57.3010, 6.7536,
-19.5580

130.1160, 7.3378,
-20.2727

33.8170, 7.4852,
-20.8875

156.2300, 7.7746,
-20.3727

16.6930, 5.5744,
-14.6398

183.5180, 7.6326,
-21.5023

0.0000, 0.0000,
0.0000

210.9310, 7.9220,
-20.9875

239.2190, 7.7800,
-22.1171

251.4120, 1.7689,

-7.3773

■ 80.4150, 7.1904,
-19.6580

■ 80.4150, 7.1904,
-19.6580

■ 76.2510, 9.2433,
-24.7761

■ 84.5790, 5.1376,
-14.5398

■ 72.9730, 10.8593,
-29.7943

■ 87.8570, 3.5215,
-9.5216

■ 68.8090, 12.9122,
-34.9125

■ 91.7220, 1.6161,
-5.0182

■ 65.5310, 14.5282,
-39.9307

■ 95.2990, -0.1474,
0.6148

■ 61.6660, 16.4337,
-44.4341

■ 99.4630, -2.2003,
5.7329

■ 58.0890, 18.1971,
-50.0671

■ 102.7410, -3.8163,
10.7511

■ 57.7900, 18.3445,
-50.6818

■ 106.6060, -5.7218,
15.2545

■ 110.1830, -7.4852,
20.8875

■ 114.3470, -9.5381,
26.0057

Harmonies

Analogous

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



80.5740, 2.6750, -18.0434



80.4150, 7.1904, -19.6580



81.7190, 9.5055, -15.5396

Triad

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



80.4150, 7.1904, -19.6580



85.5760, 3.1670, 10.8958



83.3290, -9.0362, 4.9735

Complementary

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



80.4150, 7.1904, -19.6580



72.5850, -7.1904, 19.6580

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.



84.4870, -8.6211, 11.8509



80.4150, 7.1904, -19.6580



85.3440, -1.6486, 15.4843

Square

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



80.4150, 7.1904, -19.6580



85.1450, 6.8305, 2.5038



84.9050, -5.8692, 15.8693



82.4420, -7.1199, -3.0186

Rectangle

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



80.4150, 7.1904, -19.6580



82.8660, 9.9261, -10.4065



84.9050, -5.8692, 15.8693



83.9380, -9.3364, 7.9474

Sweetspot

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



80.4150, 7.1904, -19.6580



116.6400, 2.6425, -7.5773



80.4030, -8.0867, -19.6474



58.0210, 1.4686, -4.4034



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.



80.4150, 7.1904, -19.6580



99.6740, 11.0067, -30.4091



69.8490, 12.3994, -10.3916



46.8040, 0.5896, -2.4591



67.9460, 21.7186, -59.5886



145.3470, 46.6639, -127.4693

Inverse Universe

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



72.5970, 8.0867, 19.6474



87.5150, 12.5641, 30.2433



83.1510, -12.3994, 10.3916



45.6520, 1.1576, 2.0592



44.2040, 24.5494, 59.4571



94.6740, 52.4187, 127.4509

Previews

White Background



This preview shows how the YUV color 80.4150, 7.1904, -19.6580 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 80.4150, 7.1904, -19.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

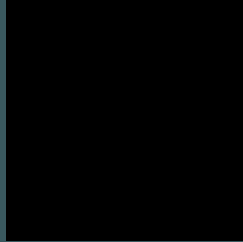
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4150, 7.1904, -19.6580

Background



This preview shows how black text looks on a background with the YUV color 80.4150, 7.1904, -19.6580.



This preview shows how white text looks on a background with the YUV color 80.4150, 7.1904, -19.6580.

-19.6580.

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

80.4150, 7.1904, -19.6580

Protanopia

83.9120, 3.4944, -0.7998

Deuteranopia

84.9060, 5.9623, 0.9594



Tritanopia

80.5290, 7.6272, -19.7579

Trichromacy



Original Color

80.4150, 7.1904, -19.6580

Protanomaly

82.5090, 4.6791, -7.4624

Deuteranomaly

83.5630, 6.1314, -6.6328

Tritanomaly

80.5290, 7.6272, -19.7579

Monochromacy



Original Color

80.4150, 7.1904, -19.6580

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4150, 7.1904, -19.6580 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, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(58, 89, 95)  
}
```

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, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 89, 95) }
```

Border

The CSS property to change the border of an element to YUV 80.4150, 7.1904, -19.6580 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, 89, 95) }
```


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

```
.border{ border-color:rgb(58, 89, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 89, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(58, 89, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.4150, 7.1904, -19.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 89, 95) }
```

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

```
.background{ background-color: rgb(58, 89,  
95) }
```

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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