

Converting Colors

YUV(116.7840, 20.8125,
-48.9226)

Have a look what the booklet for
YUV(116.7840, 20.8125, -48.9226)
contains.

YUV(116.7840, 20.8125, -48.9226)	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(116.7840, 20.8125,
-48.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	3D899F
RGB	61, 137, 159
RGB Percent	24%, 54%, 62%
CMY	0.7608, 0.4627, 0.3765
CMYK	0.62, 0.14, 0.00, 0.38
HSL	193°, 45%, 43%
HSV	193°, 62%, 62%
XYZ	17.1281, 21.3866, 36.0262
YIQ	116.7840, -52.3580, -9.2700

Conversions

Conversions Part 2

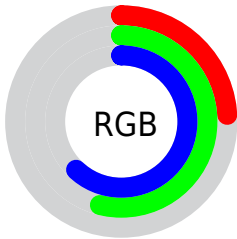
Format	Color
R_{YB}	61, 104, 159
Decimal	4032927
CIE Lab	53.37, -16.59, -18.73
CIE LCh	53, 25.018, 228.462
Yxy	21.3866, 0.2298, 0.2869
Android (android.graphics.Color)	4282223007 (0xFF3D899F)
YUV	116.7840, 20.8125, -48.9226
Hunter-Lab	46.2457, -14.8184, -13.8160

Details

The YUV color **116.7840, 20.8125, -48.9226** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.2160, -20.8125, 48.9226**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2080, 21.0965, -46.6634**, and **63.3810, 21.9972, -55.5851** is the 20% darker color. If you saturate the color by 10%, you get **109.6520, 24.3286, -56.6998**, and if you desaturate by 10%, it is **123.9160, 17.2964, -41.1453**.

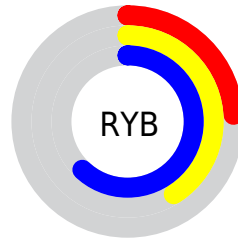
Distribution



Red (24%)

Green (54%)

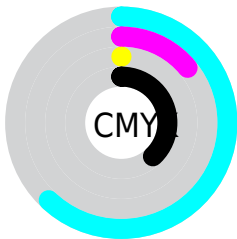
Blue (62%)



Red (24%)

Yellow (41%)

Blue (62%)

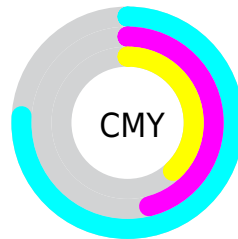


Cyan (62%)

Magenta (14%)

Yellow (0%)

Black (38%)



Cyan (76%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7840, 20.8125, -48.9226 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 116.7840, 20.8125, -48.9226 by changing the saturation by 10% instead.

■ 116.7840, 20.8125,
-48.9226

■ 116.7840, 20.8125,
-48.9226

■ 255.0000, 0.0000,
0.0000

■ 88.9790, 21.7024,
-54.3556

■ 171.2080, 21.0965,
-46.6634

■ 63.3810, 21.9972,
-55.5851

■ 199.2080, 21.0965,
-46.6634

■ 47.0300, 17.7332,
-41.2453

■ 226.0850, 14.2551,
-45.6785

■ 30.9070, 14.3428,
-27.1054

■ 239.4520, 7.6652,
-31.9684

■ 17.2460, 10.2317,
-15.1247

■ 248.4220, 3.2430,
-13.5251

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 116.7840, 20.8125,
-48.9226

■ 116.7840, 20.8125,
-48.9226

■ 109.6520, 24.3286,
-56.6998

■ 123.9160, 17.2964,
-41.1453

■ 103.1070, 27.5552,
-64.9918

■ 130.4610, 14.0697,
-32.8533

■ 95.9750, 31.0713,
-72.7691

■ 137.5930, 10.5537,
-25.0761

■ 90.3270, 33.8558,
-79.2168

■ 144.1380, 7.3270,
-16.7840

■ 151.2700, 3.8109,
-9.0068

■ 157.5160, 0.7316,
-1.3295

■ 164.6480, -2.7845,
6.4477

■ 171.7800, -6.3005,
14.2249

■ 178.3250, -9.5272,
22.5170

Harmonies

Analogous

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



115.4930, 12.0820, -48.6674



116.7840, 20.8125, -48.9226



122.7630, 22.7948, -31.3642

Triad

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



116.7840, 20.8125, -48.9226



130.6970, 3.1074, 30.0837



124.6850, -19.0717, 3.7843

Complementary

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



116.7840, 20.8125, -48.9226



103.2160, -20.8125, 48.9226

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.



126.8550, -20.1415, 20.2982



116.7840, 20.8125, -48.9226



129.9830, -7.3866, 35.9719

Square

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



116.7840, 20.8125, -48.9226



130.4160, 12.6129, 14.5442



128.3710, -15.9589, 32.1236



122.1000, -11.8813, -15.8737

Rectangle

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



116.7840, 20.8125, -48.9226



126.2210, 21.5830, -15.9798



128.3710, -15.9589, 32.1236



125.4900, -19.9616, 9.2173

Sweetspot

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



116.7840, 20.8125, -48.9226



190.3550, 8.2060, -18.7283



120.9200, -19.1876, -52.5498



94.6010, 5.1267, -11.0511



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.7840, 20.8125, -48.9226



140.7080, 32.6820, -76.0429



88.6080, 34.7033, -24.2122



75.4340, 1.7580, -3.8886



81.4590, 30.3397, -71.4395



8.7540, 3.0793, -7.6773

Inverse Universe

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



98.9660, 18.7508, 52.6498



113.1990, 28.9889, 82.2635



131.3920, -34.7033, 24.2122



74.0760, 1.4415, 4.3183



55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 116.7840, 20.8125, -48.9226 looks on a white 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

Black Background



This preview shows how the YUV color 116.7840, 20.8125, -48.9226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

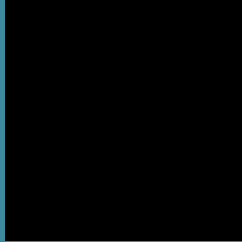
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.7840, 20.8125, -48.9226

Background



This preview shows how black text looks on a background with the YUV color 116.7840, 20.8125, -48.9226.



This preview shows how white text looks on a background with the YUV color 116.7840, 20.8125, -48.9226.

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

116.7840, 20.8125, -48.9226

Protanopia

127.3550, 11.6570, -5.5733

Deuteranopia

127.4350, 17.0405, -5.6435



Tritanopia

115.7360, 16.8922, -51.5115

Trichromacy



Original Color

116.7840, 20.8125, -48.9226

Protanomaly

123.4670, 15.0528, -21.4576

Deuteranomaly

123.6780, 18.3997, -21.6426

Tritanomaly

115.7900, 18.3445, -50.6818

Monochromacy



Original Color

116.7840, 20.8125, -48.9226

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8390, 7.4744, -17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7840, 20.8125, -48.9226 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(61, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(61, 137, 159)  
}
```

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(61, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 137, 159) }
```

Border

The CSS property to change the border of an element to YUV 116.7840, 20.8125, -48.9226 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(61, 137, 159) }
```


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

```
.border{ border-color:rgb(61, 137, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 137, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 137, 159);  
box-shadow:4px 4px 4px 4px rgb(61, 137,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 116.7840, 20.8125, -48.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 137, 159) }
```

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

```
.background{ background-color: rgb(61, 137,  
159) }
```

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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