

Converting Colors

YUV(80.2080, 14.6875, 2.4486)

Have a look what the booklet for
YUV(80.2080, 14.6875, 2.4486)
contains.

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Color

**YUV(80.2080, 14.6875,
2.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	53496E
RGB	83, 73, 110
RGB Percent	33%, 29%, 43%
CMY	0.6745, 0.7137, 0.5686
CMYK	0.25, 0.34, 0.00, 0.57
HSL	256°, 20%, 36%
HSV	256°, 34%, 43%
XYZ	8.7643, 7.7299, 15.7819
YIQ	80.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

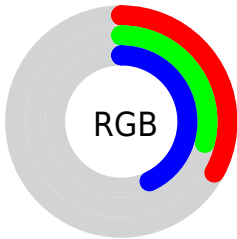
Format	Color
R_{YB}	83, 73, 110
Decimal	5458286
CIE _{Lab}	33.41, 12.90, -19.86
CIE _{LCh}	33, 23.683, 303.001
Yxy	7.7299, 0.2715, 0.2395
Android (android.graphics.Color)	4283648366 (0xFF53496E)
YUV	80.2080, 14.6875, 2.4486
Hunter-Lab	27.8027, 7.6143, -14.1936

Details

The YUV color **80.2080, 14.6875, 2.4486** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **102.7920, -14.6875, -2.4486**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8490, 15.8504, 2.7634**, and **35.1540, 13.2351, 1.6189** is the 20% darker color. If you saturate the color by 10%, you get **71.3590, 19.0500, 3.1932**, and if you desaturate by 10%, it is **89.0570, 10.3249, 1.7040**.

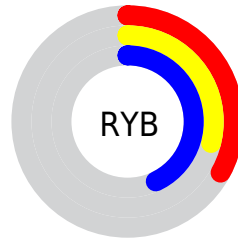
Distribution



Red (33%)

Green (29%)

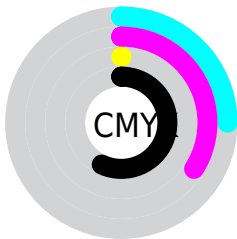
Blue (43%)



Red (33%)

Yellow (29%)

Blue (43%)

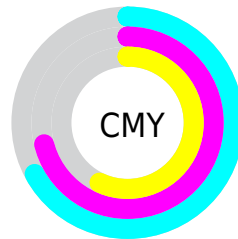


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (57%)



Cyan (67%)

Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2080, 14.6875, 2.4486 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 80.2080, 14.6875, 2.4486 by changing the saturation by 10% instead.

■ 80.2080, 14.6875,
2.4486

■ 80.2080, 14.6875,
2.4486

■ 255.0000, 0.0000,
0.0000

■ 56.7950, 14.3981,
1.9338

■ 129.8490, 15.8504,
2.7634

■ 35.1540, 13.2351,
1.6189

■ 155.6750, 16.4292,
3.7930

■ 12.5780, 13.5190,
3.8781

■ 182.7890, 16.8660,
3.6930

■ 2.7530, 8.0098,
-2.4144

■ 210.2020, 17.1554,
4.2078

■ 0.0000, 0.0000,
0.0000

■ 236.1500, 9.2931,
6.0075

80.2080, 14.6875,
2.4486

80.2080, 14.6875,
2.4486

71.3590, 19.0500,
3.1932

89.0570, 10.3249,
1.7040

62.5100, 23.4126,
3.9377

97.9060, 5.9623,
0.9594

53.6610, 27.7751,
4.6823

106.7550, 1.5998,
0.2149

44.8120, 32.1377,
5.4269

115.6040, -2.7628,
-0.5297

35.9630, 36.5002,
6.1714

124.4530, -7.1253,
-1.2743

27.1140, 40.8628,
6.9160

133.3020,
-11.4879, -2.0189

21.5100, 43.6256,
7.4457

142.1510,
-15.8504, -2.7634

151.0000,

-20.2130, -3.5080

■ 159.8490,
-24.5756, -4.2526

Harmonies

Analogous

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



76.0310, 19.7047, -20.1982



80.2080, 14.6875, 2.4486



81.3690, 7.2131, 19.8474

Triad

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



80.2080, 14.6875, 2.4486



78.6040, -16.0738, 22.2723



65.2610, 7.2663, -44.0789

Complementary

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



80.2080, 14.6875, 2.4486



102.7920, -14.6875, -2.4486

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.



71.7770, -5.3131, -22.6064



80.2080, 14.6875, 2.4486



77.0710, -17.7830, 10.4617

Square

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



80.2080, 14.6875, 2.4486



79.2550, -9.9857, 29.5944



74.5960, -14.0978, -4.9077



62.8280, 17.3398, -55.1002

Rectangle

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



80.2080, 14.6875, 2.4486



80.6320, 1.6604, 27.5097



74.5960, -14.0978, -4.9077



68.0510, 2.4399, -36.0017

Sweetspot

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



80.2080, 14.6875, 2.4486



131.4930, 5.6730, 0.4446



93.0670, 8.3480, -17.5988



64.5100, 3.1996, 0.4297



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.2080, 14.6875, 2.4486



96.9830, 22.6864, 3.5229



85.5900, 12.0341, 13.5146



51.2820, 2.3260, 0.6297



23.2480, 47.6987, 7.6755



48.1910, 98.0128, 16.4955

Inverse Universe

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



87.1410, 6.3395, 20.0473



107.7170, 9.5065, 30.9432



97.4100, -12.0341, -13.5146



52.3640, 1.2995, 3.1888



45.7980, 20.3126, 65.0752



94.3730, 42.2141, 133.8539

Previews

White Background



This preview shows how the YUV color 80.2080, 14.6875, 2.4486 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 80.2080, 14.6875, 2.4486 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 80.2080, 14.6875, 2.4486

Background



This preview shows how black text looks on a background with the YUV color 80.2080, 14.6875, 2.4486.

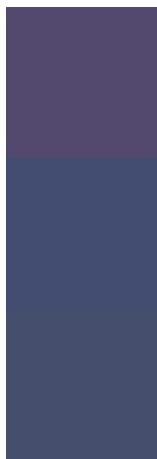


This preview shows how white text looks on a background with the YUV color 80.2080, 14.6875,

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

80.2080, 14.6875, 2.4486

Protanopia

78.2280, 17.6356, -9.8470

Deuteranopia

78.8430, 14.8674, -8.6323



Tritanopia

78.6840, 2.6208, -0.5999

Trichromacy



Original Color

80.2080, 14.6875, 2.4486

Protanomaly

79.3210, 16.6037, -5.5435

Deuteranomaly

79.1640, 14.7091, -4.5288

Tritanomaly

79.1340, 6.8359, 0.7595

Monochromacy



Original Color

80.2080, 14.6875, 2.4486

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2080, 14.6875, 2.4486 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(83, 73, 110)` looks like.

```
.text, #text, p{  
    color:rgb(83, 73, 110)  
}
```

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(83, 73, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 73, 110) }
```

Border

The CSS property to change the border of an element to YUV 80.2080, 14.6875, 2.4486 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(83, 73, 110) }
```


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

```
.border{ border-color:rgb(83, 73, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 73, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 73, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 73, 110);  
box-shadow:4px 4px 4px 4px rgb(83, 73,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 80.2080, 14.6875, 2.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 73, 110) }
```

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

```
.background{ background-color: rgb(83, 73,  
110) }
```

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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