

Converting Colors

YUV(95.4370, 20.4906,
-38.9712)

Have a look what the booklet for
YUV(95.4370, 20.4906, -38.9712)
contains.

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Color

**YUV(95.4370, 20.4906,
-38.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	336E89
RGB	51, 110, 137
RGB Percent	20%, 43%, 54%
CMY	0.8000, 0.5686, 0.4627
CMYK	0.63, 0.20, 0.00, 0.46
HSL	199°, 46%, 37%
HSV	199°, 63%, 54%
XYZ	11.4565, 13.6618, 25.7001
YIQ	95.4370, -43.8310, -4.1110

Conversions

Conversions Part 2

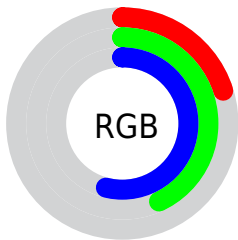
Format	Color
RYB	51, 86, 137
Decimal	3370633
CIELab	43.74, -10.53, -20.59
CIElCh	44, 23.130, 242.919
Yxy	13.6618, 0.2254, 0.2688
Android (android.graphics.Color)	4281560713 (0xFF336E89)
YUV	95.4370, 20.4906, -38.9712
Hunter-Lab	36.9619, -9.3563, -15.3518




Details

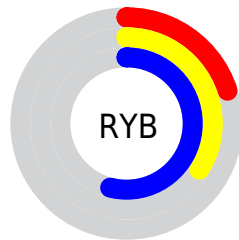
The YUV color **95.4370, 20.4906, -38.9712** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92.5630, -20.4906, 38.9712**, and the grayscale version is **95.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **148.4480, 20.4851, -37.2269**, and **46.3120, 20.0592, -40.6156** is the 20% darker color. If you saturate the color by 10%, you get **88.9030, 23.7118, -45.5189**, and if you desaturate by 10%, it is **101.9710, 17.2693, -32.4236**.

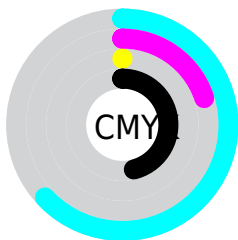
Distribution







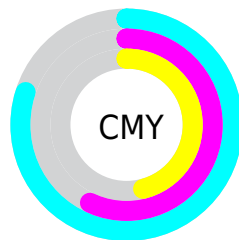
-  Red (20%)
-  Green (43%)
-  Blue (54%)






-  Red (20%)
-  Yellow (34%)
-  Blue (54%)



-  Cyan (63%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (80%)
-  Magenta (57%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4370, 20.4906, -38.9712 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 95.4370, 20.4906, -38.9712 by changing the saturation by 10% instead.

■ 95.4370, 20.4906,
-38.9712

■ 95.4370, 20.4906,
-38.9712

■ 255.0000, 0.0000,
0.0000

■ 68.6320, 21.3804,
-44.4043

■ 148.4480, 20.4851,
-37.2269

■ 46.3120, 20.0592,
-40.6156

■ 175.5620, 20.9219,
-37.3269

■ 31.3630, 16.0900,
-27.5054

■ 203.0890, 21.6481,
-36.9121

■ 17.1150, 12.2683,
-15.0099

■ 229.3960, 12.6228,
-35.4273

■ 2.9810, 8.8834,
-2.6143

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 95.4370, 20.4906,
-38.9712

■ 95.4370, 20.4906,
-38.9712

■ 88.9030, 23.7118,
-45.5189

■ 101.9710, 17.2693,
-32.4236

■ 82.0810, 27.0751,
-50.9370

■ 108.7930, 13.9061,
-27.0055

■ 75.5470, 30.2963,
-57.4847

■ 115.3270, 10.6848,
-20.4578

■ 70.7960, 32.6386,
-62.0881

■ 121.8610, 7.4635,
-13.9101

■ 128.9820, 3.9529,
-7.8772

■ 135.2170, 0.8790,
-1.9443

■ 141.7510, -2.3422,
4.6034

■ 148.2850, -5.5635,
11.1511

■ 155.1070, -8.9268,
16.5692

Harmonies

Analogous

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



91.2310, 16.1551, -48.4376



95.4370, 20.4906, -38.9712



101.6290, 19.4099, -18.9686

Triad

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



95.4370, 20.4906, -38.9712



105.7310, -1.8394, 30.0539



99.5960, -14.0978, -4.9077

Complementary

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



95.4370, 20.4906, -38.9712



92.5630, -20.4906, 38.9712

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.



102.2560, -18.3672, 11.1765



95.4370, 20.4906, -38.9712



104.7390, -10.7173, 30.9239

Square

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



95.4370, 20.4906, -38.9712



106.3690, 7.2131, 19.8474



103.5010, -16.5160, 24.1166



96.9620, -5.8973, -21.8917

Rectangle

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



95.4370, 20.4906, -38.9712



104.4460, 17.0351, -3.8991



103.5010, -16.5160, 24.1166



100.7600, -16.1507, 0.2105

Sweetspot

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



95.4370, 20.4906, -38.9712



162.3770, 8.1951, -15.2396



104.4460, -13.5309, -46.8721



79.4980, 4.6845, -9.2067



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.4370, 20.4906, -38.9712



113.6930, 32.1964, -60.2438



70.7830, 32.6450, -17.3497



65.7330, 1.6106, -3.2738



68.5790, 31.7596, -60.1438



2.3310, 1.3158, -2.0443

Inverse Universe

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



83.4400, 13.0941, 46.9721



95.4400, 19.9961, 73.2821



117.2170, -32.6450, 17.3497



64.6630, 1.1521, 3.8035



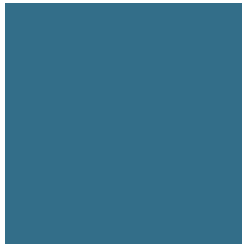
50.1410, 20.1435, 72.6673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 95.4370, 20.4906, -38.9712 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 × Fail

Black Background



This preview shows how the YUV color 95.4370, 20.4906, -38.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

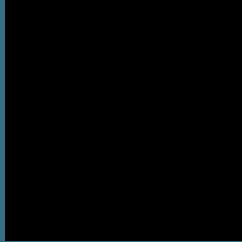
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4370, 20.4906, -38.9712

Background



This preview shows how black text looks on a background with the YUV color 95.4370, 20.4906, -38.9712.



This preview shows how white text looks on a background with the YUV color 95.4370, 20.4906,

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

95.4370, 20.4906, -38.9712

Protanopia

103.5120, 13.5516, -6.5880

Deuteranopia

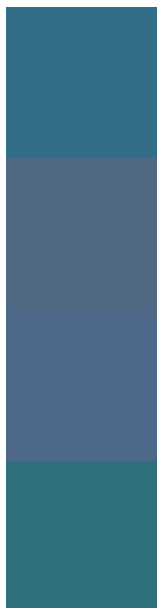
102.9400, 17.7776, -8.7174



Tritanopia

93.3950, 14.1023, -43.3194

Trichromacy



Original Color

95.4370, 20.4906, -38.9712

Protanomaly

100.7170, 15.9155, -18.1688

Deuteranomaly

100.1020, 18.6837, -19.3835

Tritanomaly

94.2750, 16.1334, -41.4602

Monochromacy



Original Color

95.4370, 20.4906, -38.9712

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4370, 20.4906, -38.9712 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(51, 110, 137)` looks like.

```
.text, #text, p{  
    color:rgb(51, 110, 137)  
}
```

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(51, 110, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 110, 137) }
```

Border

The CSS property to change the border of an element to YUV 95.4370, 20.4906, -38.9712 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(51, 110, 137) }
```


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

```
.border{ border-color:rgb(51, 110, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 110, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 110, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 110, 137);  
box-shadow:4px 4px 4px 4px rgb(51, 110,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 95.4370, 20.4906, -38.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 110, 137) }
```

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

```
.background{ background-color: rgb(51, 110,  
137) }
```

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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