

Converting Colors

YUV(77.9360, 13.8356, -4.3289)

Have a look what the booklet for
YUV(77.9360, 13.8356, -4.3289)
contains.

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Color

**YUV(77.9360, 13.8356,
-4.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	494B6A
RGB	73, 75, 106
RGB Percent	29%, 29%, 42%
CMY	0.7137, 0.7059, 0.5843
CMYK	0.31, 0.29, 0.00, 0.58
HSL	236°, 18%, 35%
HSV	236°, 31%, 42%
XYZ	7.8652, 7.4892, 14.6667
YIQ	77.9360, -11.1430, 9.2170

Conversions

Conversions Part 2

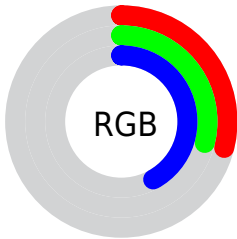
Format	Color
R_{YB}	73, 75, 106
Decimal	4803434
CIE Lab	32.90, 7.13, -18.22
CIE LCh	33, 19.565, 291.367
Yxy	7.4892, 0.2620, 0.2495
Android (android.graphics.Color)	4282993514 (0xFF494B6A)
YUV	77.9360, 13.8356, -4.3289
Hunter-Lab	27.3665, 3.4105, -12.6192

Details

The YUV color **77.9360, 13.8356, -4.3289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.0640, -13.8356, 4.3289**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1640, 14.7091, -4.5288**, and **32.9960, 12.8200, -5.2585** is the 20% darker color. If you saturate the color by 10%, you get **68.7770, 18.3509, -5.9434**, and if you desaturate by 10%, it is **87.0950, 9.3202, -2.7143**.

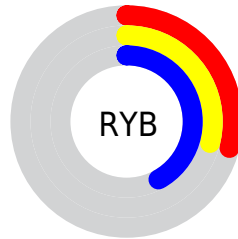
Distribution



Red (29%)

Green (29%)

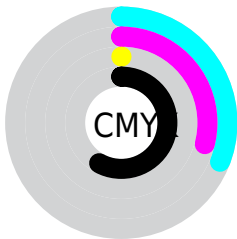
Blue (42%)



Red (29%)

Yellow (29%)

Blue (42%)

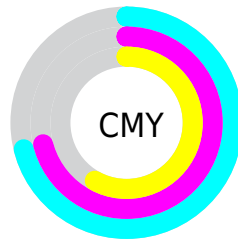


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9360, 13.8356, -4.3289 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 77.9360, 13.8356, -4.3289 by changing the saturation by 10% instead.

■ 77.9360, 13.8356,
-4.3289

■ 77.9360, 13.8356,
-4.3289

■ 255.0000, 0.0000,
0.0000

■ 54.8220, 13.3988,
-4.2289

■ 127.1640, 14.7091,
-4.5288

■ 32.9960, 12.8200,
-5.2585

■ 152.9900, 15.2879,
-3.4992

■ 10.1210, 13.2513,
-3.6141

■ 179.8050, 15.8721,
-4.2140

■ 2.1830, 5.8258,
-1.9145

■ 207.8050, 15.8721,
-4.2140

■ 0.0000, 0.0000,
0.0000

■ 234.3230, 10.1938,
-2.9143

■ 77.9360, 13.8356,
-4.3289

■ 77.9360, 13.8356,
-4.3289

■ 68.7770, 18.3509,
-5.9434

■ 87.0950, 9.3202,
-2.7143

■ 59.9170, 22.7189,
-6.9432

■ 95.9550, 4.9522,
-1.7145

■ 50.7580, 27.2343,
-8.5578

■ 105.1140, 0.4368,
-0.1000

■ 41.8980, 31.6023,
-9.5575

■ 113.9740, -3.9312,
0.8998

■ 32.7390, 36.1177,
-11.1721

■ 123.1330, -8.4466,
2.5144

■ 23.5800, 40.6331,
-12.7867


■ 132.2920,
-12.9620, 4.1289

■ 15.6060, 44.5642,
-13.6865

■ 141.1520,
-17.3299, 5.1287

■ 150.3110,

-21.8453, 6.7433

 159.1710,
-26.2133, 7.7430

Harmonies

Analogous

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



73.9230, 16.8000, -21.8575



77.9360, 13.8356, -4.3289



79.9550, 8.4032, 11.4405

Triad

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



77.9360, 13.8356, -4.3289



78.0430, -11.8532, 21.8873



70.0630, 0.9549, -26.3653

Complementary

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



77.9360, 13.8356, -4.3289



101.0640, -13.8356, 4.3289

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.



72.9740, -7.3822, -12.2552



77.9360, 13.8356, -4.3289



76.8910, -14.7363, 13.2506

Square

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



77.9360, 13.8356, -4.3289



78.6720, -5.7543, 25.7207



75.4550, -13.5353, 1.3550



67.6900, 10.0128, -38.3161

Rectangle

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



77.9360, 13.8356, -4.3289



79.8590, 4.0135, 19.4177



75.4550, -13.5353, 1.3550



71.2870, -2.1135, -22.1767

Sweetspot

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



77.9360, 13.8356, -4.3289



127.0690, 5.3890, -1.8145



95.9050, 3.9908, -20.0877



62.4990, 3.2050, -1.3146



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



77.9360, 13.8356, -4.3289



94.5750, 21.4085, -6.6433



80.9480, 12.3506, 5.3076



49.2710, 2.3314, -1.1147



17.4470, 49.0796, -15.3010



36.7350, 102.6746, -32.2166

Inverse Universe

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



83.0950, -3.9908, 20.0877



102.5910, -6.2074, 31.0537



98.0520, -12.3506, -5.3076



49.9080, -0.4476, 3.5887



35.7810, -14.1890, 71.2291



74.9650, -29.5627, 149.1207

Previews

White Background



This preview shows how the YUV color 77.9360, 13.8356, -4.3289 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 77.9360, 13.8356, -4.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

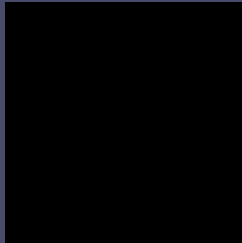
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9360, 13.8356, -4.3289

Background



This preview shows how black text looks on a background with the YUV color 77.9360, 13.8356, -4.3289.



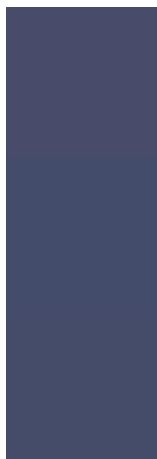
This preview shows how white text looks on a background with the YUV color 77.9360, 13.8356,

-4.3289.

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

77.9360, 13.8356, -4.3289

Protanopia

77.1420, 14.7200, -8.0175

Deuteranopia

77.3270, 14.1358, -7.3028



Tritanopia

76.6940, 4.0949, -6.7476

Trichromacy



Original Color

77.9360, 13.8356, -4.3289

Protanomaly

77.7400, 14.4252, -6.7880

Deuteranomaly

77.6260, 13.9884, -6.6880

Tritanomaly

77.3180, 7.7312, -6.4179

Monochromacy



Original Color

77.9360, 13.8356, -4.3289

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9360, 13.8356, -4.3289 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(73, 75, 106)` looks like.

```
.text, #text, p{  
    color:rgb(73, 75, 106)  
}
```

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(73, 75, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 75, 106) }
```

Border

The CSS property to change the border of an element to YUV 77.9360, 13.8356, -4.3289 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(73, 75, 106) }
```


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

```
.border{ border-color:rgb(73, 75, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 75, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 75, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 75, 106);  
box-shadow:4px 4px 4px 4px rgb(73, 75,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 77.9360, 13.8356, -4.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 75, 106) }
```

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

```
.background{ background-color: rgb(73, 75,  
106) }
```

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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