

Converting Colors

YUV(77.4360, -8.1029, -14.4144)

Have a look what the booklet for
YUV(77.4360, -8.1029, -14.4144)
contains.

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Color

**YUV(77.4360, -8.1029,
-14.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	3D593D
RGB	61, 89, 61
RGB Percent	24%, 35%, 24%
CMY	0.7608, 0.6510, 0.7608
CMYK	0.31, 0.00, 0.31, 0.65
HSL	120°, 19%, 29%
HSV	120°, 31%, 35%
XYZ	6.3392, 8.4738, 5.7164
YIQ	77.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

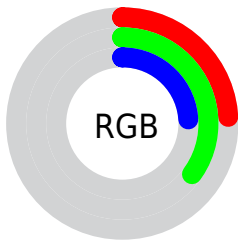
Format	Color
RYB	61, 89, 89
Decimal	4020541
CIELab	34.95, -16.85, 12.96
CIElCh	35, 21.253, 142.435
Yxy	8.4738, 0.3088, 0.4128
Android (android.graphics.Color)	4282210621 (0xFF3D593D)
YUV	77.4360, -8.1029, -14.4144
Hunter-Lab	29.1098, -12.0706, 8.7339

Details

The YUV color **77.4360, -8.1029, -14.4144** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **72.5640, 8.1029, 14.4144**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6100, -8.6817, -15.4440**, and **32.0770, -6.9400, -14.0995** is the 20% darker color. If you saturate the color by 10%, you get **73.7190, -10.7075, -19.0476**, and if you desaturate by 10%, it is **81.1530, -5.4984, -9.7812**.

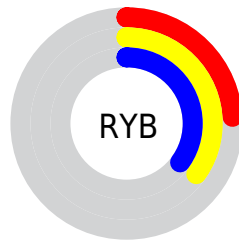
Distribution



Red (24%)

Green (35%)

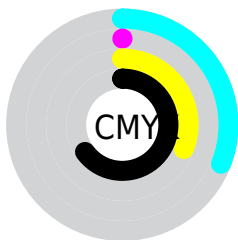
Blue (24%)



Red (24%)

Yellow (35%)

Blue (35%)

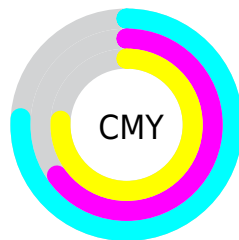


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4360, -8.1029, -14.4144 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 77.4360, -8.1029, -14.4144 by changing the saturation by 10% instead.

■ 77.4360, -8.1029,
-14.4144

■ 77.4360, -8.1029,
-14.4144

■ 255.0000, 0.0000,
0.0000

■ 53.9630, -7.3768,
-13.9996

■ 126.6100, -8.6817,
-15.4440

■ 32.0770, -6.9400,
-14.0995

■ 153.0830, -9.4079,
-15.8588

■ 14.0880, -6.9454,
-12.3552

■ 179.6700, -9.6973,
-16.3736

■ 0.0000, 0.0000,
0.0000

■ 207.5560,
-10.1341, -16.2736

■ 235.2570, -9.9867,
-16.8884

■ 250.6420, -3.7675,

-4.9480

■ 77.4360, -8.1029,
-14.4144

■ 77.4360, -8.1029,
-14.4144

■ 73.7190, -10.7075,
-19.0476

■ 81.1530, -5.4984,
-9.7812

■ 70.0020, -13.3120,
-23.6808

■ 84.8700, -2.8939,
-5.1480

■ 66.2850, -15.9165,
-28.3139

■ 88.5870, -0.2894,
-0.5148

■ 62.5680, -18.5210,
-32.9471

■ 92.3040, 2.3151,
4.1184

■ 59.2640, -20.8362,
-37.0655

■ 96.0210, 4.9196,
8.7516

■ 55.5470, -23.4407,
-41.6987

■ 99.3250, 7.2348,
12.8700

■ 52.2430, -25.7558,
-45.8171

■ 103.0420, 9.8393,
17.5032

■ 106.7590, 12.4438,
22.1364

■ 110.4760, 15.0483,
26.7695

Harmonies

Analogous

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



79.8140, -14.6983, 1.0401



77.4360, -8.1029, -14.4144



74.1550, 1.4026, -29.9539

Triad

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



77.4360, -8.1029, -14.4144



78.2540, 18.1158, -23.9018



83.4550, -6.6333, 27.6650

Complementary

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



77.4360, -8.1029, -14.4144



72.5640, 8.1029, 14.4144

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.



84.4960, 1.2345, 24.1210



77.4360, -8.1029, -14.4144



82.5770, 14.9985, -4.0140

Square

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



77.4360, -8.1029, -14.4144



71.8450, 18.3174, -41.9601



84.1940, 9.2714, 12.9849



82.7120, -13.1690, 23.9316

Rectangle

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



77.4360, -8.1029, -14.4144



71.0380, 8.8553, -40.3753



84.1940, 9.2714, 12.9849



83.5520, -3.7231, 27.5799

Sweetspot

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



77.4360, -8.1029, -14.4144



110.4570, -3.1833, -5.6628



85.8080, -12.2303, 2.7994



56.1090, -2.0257, -3.6036



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.4360, -8.1029, -14.4144



96.8280, -12.7332, -22.6512



79.0320, -1.9878, -15.8141



41.3480, -1.1576, -2.0592



62.8090, -30.9648, -55.0835



137.9450, -68.0069, -120.9778

Inverse Universe

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



72.5640, 8.1029, 14.4144



89.1720, 12.7332, 22.6512



70.9680, 1.9878, 15.8141



40.6520, 1.1576, 2.0592



44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 77.4360, -8.1029, -14.4144 looks on a white background.

Color Contrast Check

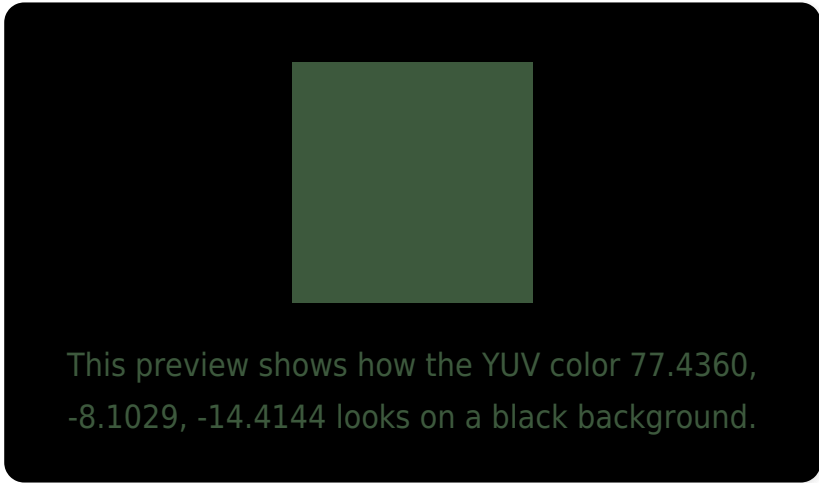
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 77.4360, -8.1029, -14.4144

Background



This preview shows how black text looks on a background with the YUV color 77.4360, -8.1029, -14.4144.



This preview shows how white text looks on a background with the YUV color 77.4360, -8.1029,

-14.4144.

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

77.4360, -8.1029, -14.4144

Protanopia

81.0580, -11.3676, 6.0881

Deuteranopia

82.2590, -9.4947, 12.0509



Tritanopia

80.4160, 5.7109, -11.7658

Trichromacy



Original Color

77.4360, -8.1029, -14.4144

Protanomaly

79.9430, -10.3249, -1.7040

Deuteranomaly

80.6060, -9.1728, 2.0995

Tritanomaly

79.1510, 0.9116, -12.4104

Monochromacy



Original Color

77.4360, -8.1029, -14.4144

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8700, -2.8939, -5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4360, -8.1029, -14.4144 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, 89, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 89, 61)  
}
```

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, 89, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 89, 61) }
```

Border

The CSS property to change the border of an element to YUV 77.4360, -8.1029, -14.4144 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, 89, 61) }
```


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

```
.border{ border-color:rgb(61, 89, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 89, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 89, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 89, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 89, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.4360, -8.1029, -14.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 89, 61) }
```

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

```
.background{ background-color: rgb(61, 89,  
61) }
```

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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