

Converting Colors

YUV(77.2430, 1.3592, -15.9991)

Have a look what the booklet for
YUV(77.2430, 1.3592, -15.9991)
contains.

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Color

**YUV(77.2430, 1.3592,
-15.9991)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3B5650 |
| RGB | 59, 86, 80 |
| RGB Percent | 23%, 34%, 31% |
| CMY | 0.7686, 0.6627, 0.6863 |
| CMYK | 0.31, 0.00, 0.07, 0.66 |
| HSL | 167°, 19%, 28% |
| HSV | 167°, 31%, 34% |
| XYZ | 6.5794, 8.1646, 8.8186 |
| YIQ | 77.2430, -14.1660, -7.5900 |

Conversions

Conversions Part 2

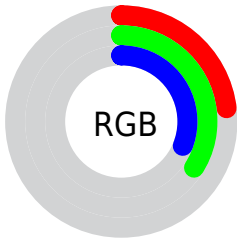
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 59, 74, 86 |
| Decimal | 3888720 |
| CIELab | 34.32, -11.61, 0.23 |
| CIELCh | 34, 11.615, 178.853 |
| Yxy | 8.1646, 0.2792, 0.3465 |
| Android (android.graphics.Color) | 4282078800 (0xFF3B5650) |
| YUV | 77.2430, 1.3592, -15.9991 |
| Hunter-Lab | 28.5737, -8.9026, 1.7032 |

Details

The YUV color **77.2430, 1.3592, -15.9991** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.7570, -1.3592, 15.9991**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5310, 1.2172, -17.1287**, and **32.6560, 1.6486, -15.4843** is the 20% darker color. If you saturate the color by 10%, you get **74.3240, 1.8123, -21.3321**, and if you desaturate by 10%, it is **80.1620, 0.9061, -10.6661**.

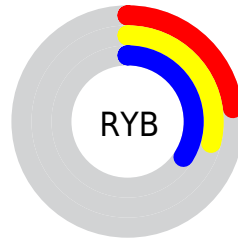
Distribution



Red (23%)

Green (34%)

Blue (31%)



Red (23%)

Yellow (29%)

Blue (34%)

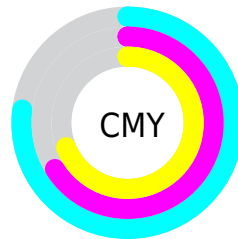


Cyan (31%)

Magenta (0%)

Yellow (7%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2430, 1.3592, -15.9991 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 77.2430, 1.3592, -15.9991 by changing the saturation by 10% instead.

■ 77.2430, 1.3592,
-15.9991

■ 77.2430, 1.3592,
-15.9991

■ 255.0000, 0.0000,
0.0000

■ 54.2430, 1.3592,
-15.9991

■ 126.5310, 1.2172,
-17.1287

■ 32.6560, 1.6486,
-15.4843

■ 152.5310, 1.2172,
-17.1287

■ 13.9230, 0.0380,
-12.2105

■ 179.2320, 1.3646,
-17.7435

■ 0.0000, 0.0000,
0.0000

■ 206.9330, 1.5120,
-18.3582

■ 234.9330, 1.5120,
-18.3582

■ 251.4120, 1.7689,

-7.3773

■ 77.2430, 1.3592,
-15.9991

■ 77.2430, 1.3592,
-15.9991

■ 74.3240, 1.8123,
-21.3321

■ 80.1620, 0.9061,
-10.6661

■ 71.7040, 2.1179,
-26.0504

■ 82.7820, 0.6005,
-5.9478

■ 68.7850, 2.5710,
-31.3834

■ 85.7010, 0.1474,
-0.6148

■ 66.1650, 2.8767,
-36.1017

■ 88.3210, -0.1583,
4.1035

■ 63.2460, 3.3297,
-41.4347

■ 91.2400, -0.6113,
9.4365

■ 60.4410, 4.2196,
-46.8678

■ 94.0450, -1.5012,
14.8695

■ 58.1200, 4.3778,
-50.9712

■ 96.6650, -1.8068,
19.5878

■ 99.5840, -2.2599,
24.9208

■ 102.2040, -2.5656,
29.6391

Harmonies

Analogous

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



78.3210, -3.6093, -9.0515



77.2430, 1.3592, -15.9991



77.0730, 5.8800, -19.3580

Triad

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



77.2430, 1.3592, -15.9991



81.3620, 7.7095, 0.5595



81.3130, -8.0423, 12.8805

Complementary

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



77.2430, 1.3592, -15.9991



67.7570, -1.3592, 15.9991

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.



82.1330, -4.9956, 15.6694



77.2430, 1.3592, -15.9991



82.3800, 3.7567, 8.4367

Square

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



77.2430, 1.3592, -15.9991



80.3500, 9.1945, -9.0769



82.2730, -0.6276, 14.6696



80.3400, -9.0416, 6.7178

Rectangle

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



77.2430, 1.3592, -15.9991



77.6540, 8.0586, -18.1136



82.2730, -0.6276, 14.6696



81.5520, -7.1741, 14.4249

Sweetspot

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



77.2430, 1.3592, -15.9991



108.7820, 0.6005, -5.9478



76.6430, -8.6980, -10.2109



54.0920, 0.4476, -3.5887



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



77.2430, 1.3592, -15.9991



98.4160, 2.2599, -24.9208



73.8180, 6.0057, -12.9954



41.6900, 0.1528, -2.3591



72.2710, 5.2894, -63.3817



158.6930, 11.4904, -139.1738

Inverse Universe

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



67.7570, -1.3592, 15.9991



83.5840, -2.2599, 24.9208



71.1820, -6.0057, 12.9954



40.3100, -0.1528, 2.3591



34.7290, -5.2894, 63.3817



76.1930, -11.9271, 139.2737

Previews

White Background



This preview shows how the YUV color 77.2430, 1.3592, -15.9991 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 77.2430, 1.3592, -15.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

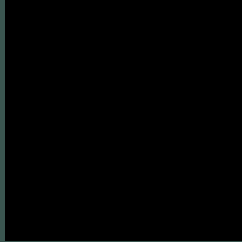
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.2430, 1.3592, -15.9991

Background



This preview shows how black text looks on a background with the YUV color 77.2430, 1.3592, -15.9991.



This preview shows how white text looks on a background with the YUV color 77.2430, 1.3592, -15.9991.

-15.9991.

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

77.2430, 1.3592, -15.9991

Protanopia

80.5550, -1.7526, 2.1443

Deuteranopia

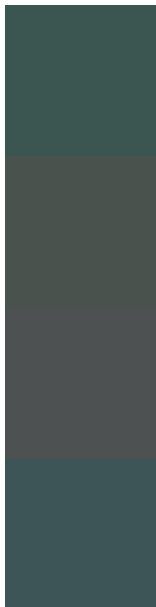
81.4460, 0.2731, 5.7479



Tritanopia

78.2200, 6.3005, -14.2249

Trichromacy



Original Color

77.2430, 1.3592, -15.9991

Protanomaly

79.1520, -0.5679, -4.5183

Deuteranomaly

79.8040, 0.5896, -2.4591

Tritanomaly

78.0520, 4.4114, -14.9546

Monochromacy



Original Color

77.2430, 1.3592, -15.9991

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2430, 1.3592, -15.9991 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(59, 86, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 86, 80)  
}
```

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(59, 86, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 86, 80) }
```

Border

The CSS property to change the border of an element to YUV 77.2430, 1.3592, -15.9991 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(59, 86, 80) }
```


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

```
.border{ border-color:rgb(59, 86, 80) }
```

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

Here you see how a box with a 4 pixel rgb(59, 86, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 86, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 86, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 86, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.2430, 1.3592, -15.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 86, 80) }
```

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

```
.background{ background-color: rgb(59, 86,  
80) }
```

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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