

Converting Colors

YUV(80.1700, 29.0032,
-15.9351)

Have a look what the booklet for
YUV(80.1700, 29.0032, -15.9351)
contains.

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Color

**YUV(80.1700, 29.0032,
-15.9351)**

Conversions

Conversions Part 1

Format	Color
Hex	3E4E8B
RGB	62, 78, 139
RGB Percent	24%, 31%, 55%
CMY	0.7569, 0.6941, 0.4549
CMYK	0.55, 0.44, 0.00, 0.45
HSL	228°, 38%, 39%
HSV	228°, 55%, 55%
XYZ	9.3712, 8.3370, 25.5414
YIQ	80.1700, -29.1170, 15.5790

Conversions

Conversions Part 2

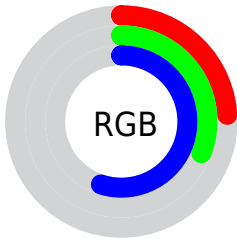
Format	Color
R_{YB}	62, 75, 139
Decimal	4083339
CIE _{Lab}	34.68, 12.56, -35.98
CIE _{LCh}	35, 38.105, 289.247
Yxy	8.3370, 0.2167, 0.1928
Android (android.graphics.Color)	4282273419 (0xFF3E4E8B)
YUV	80.1700, 29.0032, -15.9351
Hunter-Lab	28.8738, 7.4041, -32.2354

Details

The YUV color **80.1700, 29.0032, -15.9351** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.8300, -29.0032, 15.9351**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9360, 30.5976, -13.9759**, and **29.9900, 28.5989, -26.3012** is the 20% darker color. If you saturate the color by 10%, you get **69.5270, 34.2502, -18.8792**, and if you desaturate by 10%, it is **90.8130, 23.7562, -12.9910**.

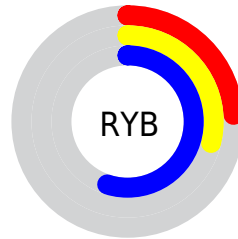
Distribution



Red (24%)

Green (31%)

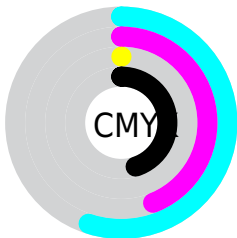
Blue (55%)



Red (24%)

Yellow (29%)

Blue (55%)

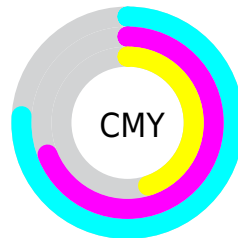


Cyan (55%)

Magenta (44%)

Yellow (0%)

Black (45%)



Cyan (76%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1700, 29.0032, -15.9351 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 80.1700, 29.0032, -15.9351 by changing the saturation by 10% instead.

■ 80.1700, 29.0032,
-15.9351

■ 80.1700, 29.0032,
-15.9351

■ 255.0000, 0.0000,
0.0000

■ 55.3330, 28.4298,
-18.7090

■ 130.9360, 30.5976,
-13.9759

■ 29.9900, 28.5989,
-26.3012

■ 157.4630, 31.3237,
-13.5611

■ 15.0410, 24.6298,
-13.1910

■ 184.4030, 32.3393,
-12.6314

■ 6.5490, 17.4773,
-5.7435

■ 209.7810, 22.2930,
-10.3319

■ 2.8670, 8.4466,
-2.5144

■ 234.8880, 9.9152,
-6.9178

■ 0.0000, 0.0000,
0.0000

■ 80.1700, 29.0032,
-15.9351

■ 80.1700, 29.0032,
-15.9351

■ 69.5270, 34.2502,
-18.8792

■ 90.8130, 23.7562,
-12.9910

■ 58.8840, 39.4972,
-21.8233

■ 101.4560, 18.5092,
-10.0469

■ 48.2410, 44.7442,
-24.7674

■ 112.0990, 13.2622,
-7.1028

■ 37.5980, 49.9912,
-27.7114

■ 122.7420, 8.0152,
-4.1587

■ 32.8690, 52.3226,
-28.8261


■ 133.3850, 2.7682,
-1.2146

■ 143.7290, -2.3314,
1.1147

■ 154.3720, -7.5784,
4.0588

■ 165.0150,

-12.8254, 7.0028

 175.6580,
-18.0724, 9.9469

Harmonies

Analogous

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



67.7300, 36.1221, -59.3992



80.1700, 29.0032, -15.9351



84.2410, 18.1222, 20.8366

Triad

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



80.1700, 29.0032, -15.9351



79.6450, -21.5170, 41.5303



63.6310, 2.6469, -55.8044

Complementary

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



80.1700, 29.0032, -15.9351



120.8300, -29.0032, 15.9351

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.



71.1220, -15.3431, -25.5400



80.1700, 29.0032, -15.9351



78.5430, -30.3407, 24.9568

Square

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



80.1700, 29.0032, -15.9351



79.8430, -8.3036, 50.1267



76.1550, -28.6704, 2.4951



67.8660, 16.3351, -59.5185

Rectangle

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



80.1700, 29.0032, -15.9351



82.6900, 10.5058, 37.1059



76.1550, -28.6704, 2.4951



62.4910, -1.7211, -54.8046

Sweetspot

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



80.1700, 29.0032, -15.9351



157.6430, 11.5150, -6.7029



114.0390, 3.9248, -45.6382



77.5140, 7.1416, -3.9588



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



80.1700, 29.0032, -15.9351



89.6540, 45.0336, -24.2526



77.3560, 30.3905, 5.8268



63.3850, 2.7682, -1.2146



31.5980, 49.9912, -27.7114



1.1570, 1.8946, -1.0147

Inverse Universe

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



86.8470, -4.3616, 45.7382



100.3170, -7.0583, 70.7590



123.6440, -30.3905, -5.8268



64.2070, -0.5951, 4.2035



42.9590, -7.3748, 78.9660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 80.1700, 29.0032, -15.9351 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 80.1700, 29.0032, -15.9351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

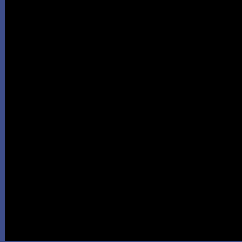
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1700, 29.0032, -15.9351

Background



This preview shows how black text looks on a background with the YUV color 80.1700, 29.0032, -15.9351.



This preview shows how white text looks on a background with the YUV color 80.1700, 29.0032,

-15.9351.

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

80.1700, 29.0032, -15.9351

Protanopia

78.4790, 30.3299, -21.4681

Deuteranopia

76.1250, 30.5044, -30.8046



Tritanopia

76.2400, 9.2487, -26.5205

Trichromacy



Original Color

80.1700, 29.0032, -15.9351

Protanomaly

79.3760, 29.8876, -19.6238

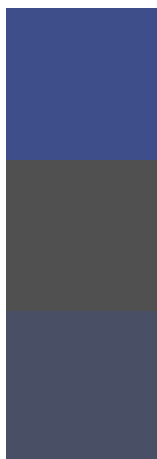
Deuteranomaly

77.9300, 29.6145, -25.3716

Tritanomaly

77.5100, 16.5106, -22.3723

Monochromacy



Original Color

80.1700, 29.0032, -15.9351

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7140, 10.4940, -5.8882

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1700, 29.0032, -15.9351 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(62, 78, 139)` looks like.

```
.text, #text, p{  
    color:rgb(62, 78, 139)  
}
```

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(62, 78, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 78, 139) }
```

Border

The CSS property to change the border of an element to YUV 80.1700, 29.0032, -15.9351 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(62, 78, 139) }
```


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

```
.border{ border-color:rgb(62, 78, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 78, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 78, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 78, 139);  
box-shadow:4px 4px 4px 4px rgb(62, 78,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 80.1700, 29.0032, -15.9351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 78, 139) }
```

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

```
.background{ background-color: rgb(62, 78,  
139) }
```

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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