

Converting Colors

YUV(80.0280, 31.0452,
-17.5646)

Have a look what the booklet for
YUV(80.0280, 31.0452, -17.5646)
contains.

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Color

**YUV(80.0280, 31.0452,
-17.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4E8F
RGB	60, 78, 143
RGB Percent	24%, 31%, 56%
CMY	0.7647, 0.6941, 0.4392
CMYK	0.58, 0.45, 0.00, 0.44
HSL	227°, 41%, 40%
HSV	227°, 58%, 56%
XYZ	9.5458, 8.3926, 27.1034
YIQ	80.0280, -31.5930, 16.3990

Conversions

Conversions Part 2

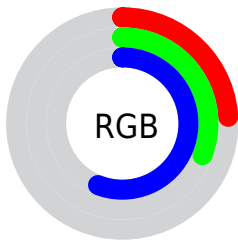
Format	Color
R_{YB}	60, 75, 143
Decimal	3952271
CIE Lab	34.79, 13.50, -38.25
CIE LCh	35, 40.559, 289.444
Yxy	8.3926, 0.2119, 0.1863
Android (android.graphics.Color)	4282142351 (0xFF3C4E8F)
YUV	80.0280, 31.0452, -17.5646
Hunter-Lab	28.9700, 8.1194, -35.1909

Details

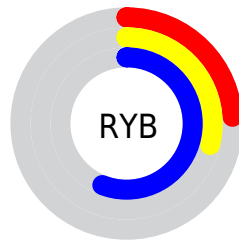
The YUV color **80.0280, 31.0452, -17.5646** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **122.9720, -31.0452, 17.5646**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0930, 32.4922, -14.9906**, and **30.4460, 30.3461, -26.7011** is the 20% darker color. If you saturate the color by 10%, you get **69.3850, 36.2922, -20.5086**, and if you desaturate by 10%, it is **90.6710, 25.7982, -14.6205**.

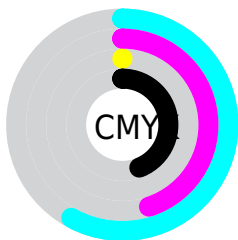
Distribution



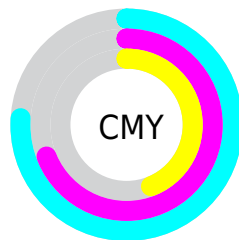
- Red (24%)
- Green (31%)
- Blue (56%)



- Red (24%)
- Yellow (29%)
- Blue (56%)



- Cyan (58%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0280, 31.0452, -17.5646 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 80.0280, 31.0452, -17.5646 by changing the saturation by 10% instead.

■ 80.0280, 31.0452,
-17.5646

■ 80.0280, 31.0452,
-17.5646

■ 255.0000, 0.0000,
0.0000

■ 54.8920, 30.6192,
-20.9533

■ 131.0930, 32.4922,
-14.9906

■ 30.4460, 30.3461,
-26.7011

■ 157.6200, 33.2183,
-14.5757

■ 15.3830, 25.9402,
-13.4909

■ 184.5600, 34.2339,
-13.6461

■ 6.8910, 18.7877,
-6.0434

■ 209.4820, 22.4404,
-10.9467

■ 3.3230, 10.1938,
-2.9143

■ 234.5890, 10.0626,
-7.5326

■ 0.0000, 0.0000,
0.0000

■ 80.0280, 31.0452,
-17.5646

■ 80.0280, 31.0452,
-17.5646

■ 69.3850, 36.2922,
-20.5086

■ 90.6710, 25.7982,
-14.6205

■ 58.4430, 41.6866,
-24.0675

■ 101.6130, 20.4038,
-11.0616

■ 47.2130, 47.2230,
-26.4968

■ 112.8430, 14.8674,
-8.6323

■ 36.5700, 52.4700,
-29.4409

■ 123.4860, 9.6204,
-5.6882

■ 34.4990, 53.4910,
-30.2556

■ 134.4280, 4.2260,
-2.1294

■ 145.0710, -1.0210,
0.8147

■ 155.7140, -6.2680,
3.7588

■ 166.9440,

-11.8044, 6.1881

■ 177.8860,
-17.1988, 9.7470

Harmonies

Analogous

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



68.7730, 37.5799, -60.3139



80.0280, 31.0452, -17.5646



84.2950, 19.5746, 21.6663

Triad

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



80.0280, 31.0452, -17.5646



79.6130, -22.9802, 44.1894



64.2180, 2.3575, -56.3192

Complementary

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



80.0280, 31.0452, -17.5646



122.9720, -31.0452, 17.5646

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.



70.1710, -16.3533, -28.2140



80.0280, 31.0452, -17.5646



78.1580, -33.1089, 26.1714

Square

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



80.0280, 31.0452, -17.5646



79.4520, -8.6038, 53.1006



75.7590, -31.4332, 1.9654



68.5670, 16.4825, -60.1333

Rectangle

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



80.0280, 31.0452, -17.5646



82.5270, 11.0792, 39.8798



75.7590, -31.4332, 1.9654



62.9640, -2.4473, -55.2194

Sweetspot

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



80.0280, 31.0452, -17.5646



162.0560, 11.8044, -6.1881



116.0170, 3.9356, -49.1269



80.1010, 6.8522, -4.4736



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



80.0280, 31.0452, -17.5646



87.2560, 48.6808, -27.4115



76.0400, 33.0113, 5.2269



65.9720, 2.4788, -1.7294



32.4130, 50.5754, -28.4262



2.0860, 2.9156, -1.8294

Inverse Universe

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



86.8690, -4.3724, 49.2269



98.0620, -6.9326, 77.1216



126.9600, -33.0113, -5.2269



66.3210, -0.1583, 4.1035



43.6710, -7.2328, 80.0955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 80.0280, 31.0452, -17.5646 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 80.0280, 31.0452, -17.5646 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 80.0280, 31.0452, -17.5646

Background



This preview shows how black text looks on a background with the YUV color 80.0280, 31.0452, -17.5646.



This preview shows how white text looks on a background with the YUV color 80.0280, 31.0452,

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

80.0280, 31.0452, -17.5646

Protanopia

78.0380, 32.5193, -23.7123

Deuteranopia

74.7760, 33.1414, -36.6376



Tritanopia

75.1470, 10.2805, -30.8239

Trichromacy



Original Color

80.0280, 31.0452, -17.5646

Protanomaly

78.9350, 32.0770, -21.8680

Deuteranomaly

76.5920, 32.2461, -29.4602

Tritanomaly

76.8300, 17.8318, -26.1609

Monochromacy



Original Color

80.0280, 31.0452, -17.5646

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9420, 11.3676, -6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0280, 31.0452, -17.5646 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(60, 78, 143)` looks like.

```
.text, #text, p{  
    color:rgb(60, 78, 143)  
}
```

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(60, 78, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 78, 143) }
```

Border

The CSS property to change the border of an element to YUV 80.0280, 31.0452, -17.5646 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(60, 78, 143) }
```


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

```
.border{ border-color:rgb(60, 78, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 78, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 78, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 78, 143);  
box-shadow:4px 4px 4px 4px rgb(60, 78,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 80.0280, 31.0452, -17.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 78, 143) }
```

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

```
.background{ background-color: rgb(60, 78,  
143) }
```

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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