

Converting Colors

YUV(32.2640, -0.1302, 41.8645)

Have a look what the booklet for
YUV(32.2640, -0.1302, 41.8645)
contains.

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Color

**YUV(32.2640, -0.1302,
41.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	500820
RGB	80, 8, 32
RGB Percent	31%, 3%, 13%
CMY	0.6863, 0.9686, 0.8745
CMYK	0.00, 0.90, 0.60, 0.69
HSL	340°, 82%, 17%
HSV	340°, 90%, 31%
XYZ	3.6558, 1.9834, 1.5567
YIQ	32.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

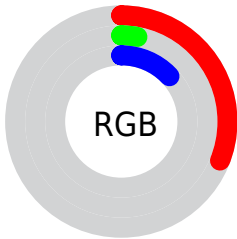
Format	Color
RYB	80, 8, 32
Decimal	5244960
CIELab	15.40, 33.43, 5.60
CIElCh	15, 33.899, 9.504
Yxy	1.9834, 0.5080, 0.2756
Android (android.graphics.Color)	4283435040 (0xFF500820)
YUV	32.2640, -0.1302, 41.8645
Hunter-Lab	14.0834, 21.6896, 3.3050

Details

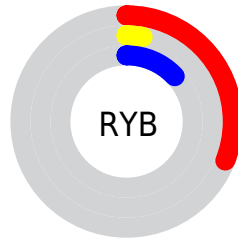
The YUV color **32.2640, -0.1302, 41.8645** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **55.7360, 0.1302, -41.8645**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.0640, -3.4826, 43.7939**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **26.9980, 0.0010, 46.4828**, and if you desaturate by 10%, it is **37.5300, -0.2613, 37.2462**.

Distribution



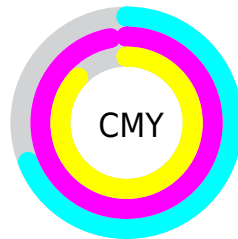
- Red (31%)
- Green (3%)
- Blue (13%)



- Red (31%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (60%)
- Black (69%)





- Cyan (69%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 32.2640, -0.1302, 41.8645 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 32.2640, -0.1302, 41.8645 by changing the saturation by 10% instead.


 32.2640, -0.1302,
41.8645


 32.2640, -0.1302,
41.8645

 250.3040, 2.3151,
4.1184

 17.3570, -4.6130,
33.0129

 83.0640, -3.4826,
43.7939


 8.1870, -3.5432,
16.4990

 108.7330, -4.7984,
45.8382

 0.0000, 0.0000,
0.0000


 134.6300, -5.2406,
47.6825


 161.5270, -5.6828,
49.5268


 189.1250, -5.9776,
50.7564


 211.0310, -3.4663,


38.5608


 230.6590, 0.6611,
21.3471


 32.2640, -0.1302,
41.8645


 32.2640, -0.1302,
41.8645


 26.9980, 0.0010,
46.4828

 37.5300, -0.2613,
37.2462

 42.9100, 0.0444,
32.5279

 48.1760, -0.0868,
27.9096

 53.4420, -0.2179,
23.2914

 58.8220, 0.0878,
18.5731

■ 64.0880, -0.0434,
13.9548

■ 69.3540, -0.1745,
9.3365

■ 74.7340, 0.1311,
4.6183

■ 80.0000, 0.0000,
0.0000

Harmonies

Analogous

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



36.1300, 9.7959, 31.4580



32.2640, -0.1302, 41.8645



34.4470, -14.5174, 36.4420

Triad

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



32.2640, -0.1302, 41.8645



31.4980, -15.5285, -12.7147



36.5780, 23.3790, -32.0789

Complementary

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



32.2640, -0.1302, 41.8645



55.7360, 0.1302, -41.8645

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.



36.0420, 16.2483, -31.6088



32.2640, -0.1302, 41.8645



30.5700, -4.7180, -26.8099

Square

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



32.2640, -0.1302, 41.8645



36.0380, -17.7667, 5.2287



34.0070, 5.9125, -29.8241



32.6970, 26.2784, -28.6753

Rectangle

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



32.2640, -0.1302, 41.8645



36.1810, -17.8372, 27.9053



34.0070, 5.9125, -29.8241



36.7090, 21.3425, -32.1938

Sweetspot

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



32.2640, -0.1302, 41.8645



85.8110, 0.0932, 16.8288



30.5600, 24.3739, 22.3109



42.0660, -0.0325, 10.4661



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



32.2640, -0.1302, 41.8645



35.3850, -0.1898, 61.0524



36.5720, -14.0860, 38.0864



38.3100, -0.1528, 2.3591



78.1460, -0.5650, 134.9300

Inverse Universe

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



32.2640, -0.1302, 41.8645



35.3850, -0.1898, 61.0524



51.4280, 14.0860, -38.0864



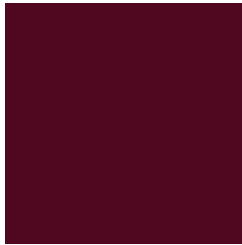
38.3100, -0.1528, 2.3591



78.1460, -0.5650, 134.9300

Previews

White Background



This preview shows how the YUV color 32.2640, -0.1302, 41.8645 looks on a white background.

Color Contrast Check

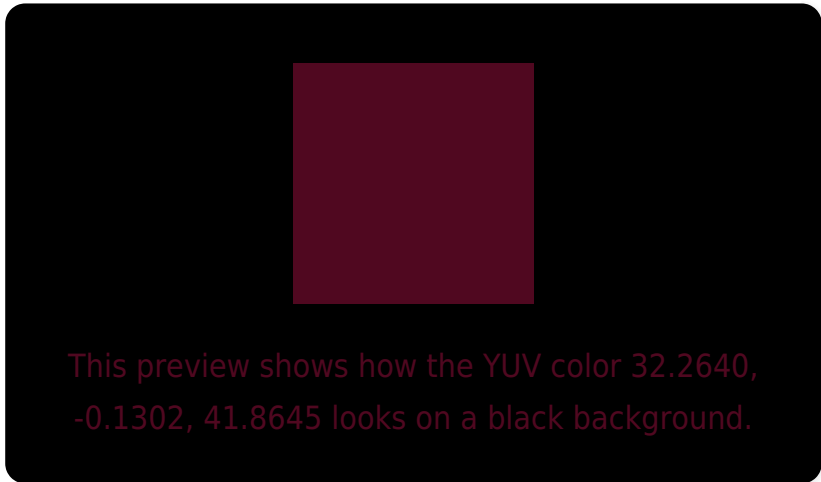
Large Text (above 18pt) WCAG AA ✓ Pass

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

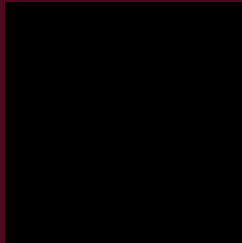
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.2640, -0.1302, 41.8645

Background



This preview shows how black text looks on a background with the YUV color 32.2640, -0.1302, 41.8645.



This preview shows how white text looks on a background with the YUV color 32.2640, -0.1302,

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

32.2640, -0.1302, 41.8645

Protanopia

41.5700, 2.1840, -0.4999

Deuteranopia

41.7360, -6.2788, 7.2475



Tritanopia

33.4350, -9.5815, 39.9605

Trichromacy



Original Color

32.2640, -0.1302, 41.8645

Protanomaly

38.1420, 1.4090, 14.7845

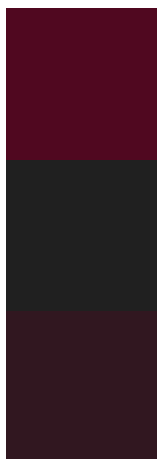
Deuteranomaly

38.0950, -3.9908, 20.0877

Tritanomaly

33.0590, -5.9451, 40.2903

Monochromacy



Original Color

32.2640, -0.1302, 41.8645

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8000, 0.0986, 15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.2640, -0.1302, 41.8645 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(80, 8, 32)` looks like.

```
.text, #text, p{  
    color:rgb(80, 8, 32)  
}
```

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(80, 8, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 8, 32) }
```

Border

The CSS property to change the border of an element to YUV 32.2640, -0.1302, 41.8645 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(80, 8, 32) }
```

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

```
.border{ border-color:rgb(80, 8, 32) }
```

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

Here you see how a box with a 4 pixel rgb(80, 8, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 8, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 8, 32); box-shadow:4px  
4px 4px 4px rgb(80, 8, 32) }
```

Background

The CSS property to change the background color of an element to YUV 32.2640, -0.1302, 41.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 8, 32) }
```

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

```
.background{ background-color: rgb(80, 8,  
32) }
```

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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