

Converting Colors

YUV(32.1760, 3.3642, 41.0646)

Have a look what the booklet for
YUV(32.1760, 3.3642, 41.0646)
contains.

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Color

**YUV(32.1760, 3.3642,
41.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0727
RGB	79, 7, 39
RGB Percent	31%, 3%, 15%
CMY	0.6902, 0.9725, 0.8471
CMYK	0.00, 0.91, 0.51, 0.69
HSL	333°, 84%, 17%
HSV	333°, 91%, 31%
XYZ	3.6666, 1.9607, 2.1047
YIQ	32.1760, 32.6400, 25.2160

Conversions

Conversions Part 2

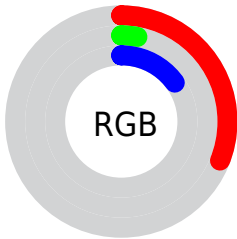
Format	Color
RYB	79, 7, 39
Decimal	5179175
CIELab	15.28, 34.12, 0.26
CIELCh	15, 34.120, 0.429
Yxy	1.9607, 0.4742, 0.2536
Android (android.graphics.Color)	4283369255 (0xFF4F0727)
YUV	32.1760, 3.3642, 41.0646
Hunter-Lab	14.0025, 22.2368, 0.8902

Details

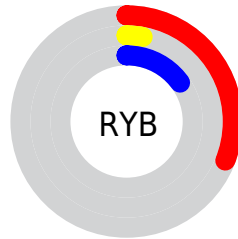
The YUV color **32.1760, 3.3642, 41.0646** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.8240, -3.3642, -41.0646**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.6770, 0.1592, 42.3793**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **27.6110, 3.6428, 45.0682**, and if you desaturate by 10%, it is **37.3280, 2.7963, 36.5463**.

Distribution



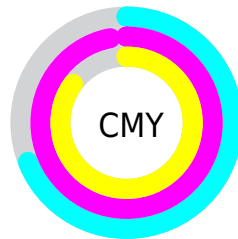
- Red (31%)
- Green (3%)
- Blue (15%)



- Red (31%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (51%)
- Black (69%)



- Cyan (69%)
- Magenta (97%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.1760, 3.3642, 41.0646 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 32.1760, 3.3642, 41.0646 by changing the saturation by 10% instead.

■ 32.1760, 3.3642,
41.0646

■ 32.1760, 3.3642,
41.0646

■ 249.7170, 2.6045,
4.6332

■ 18.1980, -0.0976,
31.3984

■ 83.6770, 0.1592,
42.3793

■ 8.1870, -3.5432,
16.4990

■ 109.1610, -0.5724,
43.7088

■ 0.0000, 0.0000,
0.0000


■ 135.0580, -1.0146,
45.5531


■ 161.9550, -1.4568,
47.3975


■ 189.5530, -1.7516,
48.6270


■ 211.5840, 1.1911,


38.0758


 231.2120, 5.3185,
20.8621

 32.1760, 3.3642,
41.0646


 32.1760, 3.3642,
41.0646


 27.6110, 3.6428,
45.0682

 37.3280, 2.7963,
36.5463

 42.5940, 2.6652,
31.9281

 47.7460, 2.0972,
27.4098

 53.0120, 1.9661,
22.7915

 58.1640, 1.3981,
18.2732

■ 62.7290, 1.1196,
14.2697

■ 67.9950, 0.9885,
9.6514

■ 73.1470, 0.4205,
5.1331

■ 78.4130, 0.2894,
0.5148

Harmonies

Analogous

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



37.6670, 11.9962, 25.7250



32.1760, 3.3642, 41.0646



33.1360, -9.4340, 39.3457

Triad

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



32.1760, 3.3642, 41.0646



33.3030, -16.4184, -7.2817



36.7090, 21.3425, -32.1938

Complementary

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



32.1760, 3.3642, 41.0646



53.8240, -3.3642, -41.0646

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.



35.8310, 12.9013, -31.4238



32.1760, 3.3642, 41.0646



28.9570, -8.3598, -25.3953

Square

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



32.1760, 3.3642, 41.0646



36.0710, -17.7830, 10.4617



33.0950, 2.4182, -29.0243



33.9850, 26.1364, -29.8048

Rectangle

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



32.1760, 3.3642, 41.0646



35.0290, -17.2693, 32.4236



33.0950, 2.4182, -29.0243



36.7260, 18.8691, -32.2087

Sweetspot

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



32.1760, 3.3642, 41.0646



83.8540, 1.5510, 15.9140



27.1680, 25.5532, 17.3927



40.5820, 0.6991, 9.1366



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



32.1760, 3.3642, 41.0646



35.6280, 4.6204, 58.2082



30.8760, -11.7709, 42.2047



35.4240, 0.2840, 2.2592



80.3980, 10.6498, 131.2010

Inverse Universe

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



32.1760, 3.3642, 41.0646



35.6280, 4.6204, 58.2082



55.1240, 11.7709, -42.2047



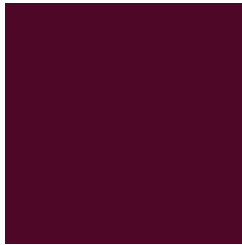
35.4240, 0.2840, 2.2592



80.3980, 10.6498, 131.2010

Previews

White Background



This preview shows how the YUV color 32.1760, 3.3642, 41.0646 looks on a white background.

Color Contrast Check

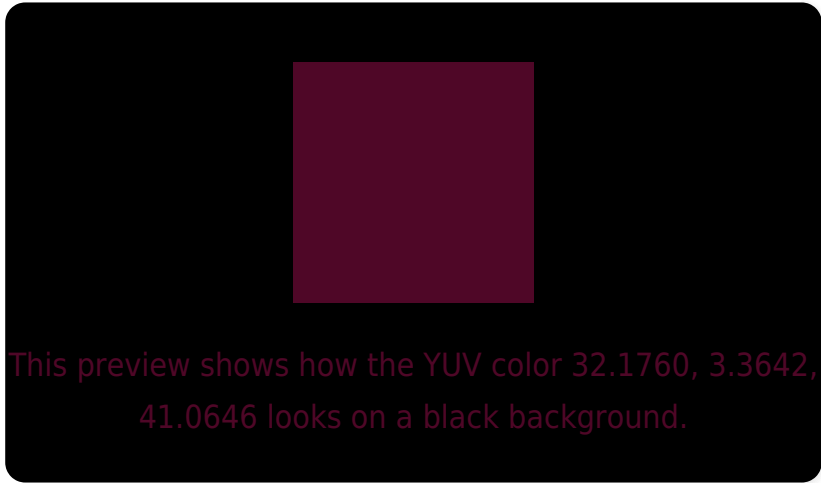
Large Text (above 18pt) WCAG AA ✓ Pass

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

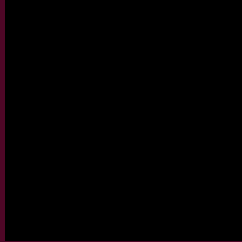
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.1760, 3.3642, 41.0646

Background



This preview shows how black text looks on a background with the YUV color 32.1760, 3.3642, 41.0646.



This preview shows how white text looks on a background with the YUV color 32.1760, 3.3642,

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

32.1760, 3.3642, 41.0646

Protanopia

41.5140, 7.1416, -3.9588

Deuteranopia

41.6370, -2.7790, 4.7034



Tritanopia

35.2390, -8.9918, 37.5014

Trichromacy



Original Color

32.1760, 3.3642, 41.0646

Protanomaly

38.2710, 5.7824, 12.0403

Deuteranomaly

38.2950, -0.6384, 18.1583

Tritanomaly

33.8030, -4.3399, 38.7608

Monochromacy



Original Color

32.1760, 3.3642, 41.0646

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1420, 1.4090, 14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.1760, 3.3642, 41.0646 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(79, 7, 39)` looks like.

```
.text, #text, p{  
    color:rgb(79, 7, 39)  
}
```

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(79, 7, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 7, 39) }
```

Border

The CSS property to change the border of an element to YUV 32.1760, 3.3642, 41.0646 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(79, 7, 39) }
```

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

```
.border{ border-color:rgb(79, 7, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 7, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 7, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 7, 39); box-shadow:4px  
4px 4px 4px rgb(79, 7, 39) }
```

Background

The CSS property to change the background color of an element to YUV 32.1760, 3.3642, 41.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 7, 39) }
```

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

```
.background{ background-color: rgb(79, 7,  
39) }
```

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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