

Converting Colors

YUV(41.3760, -3.6364, -0.3298)

Have a look what the booklet for
YUV(41.3760, -3.6364, -0.3298)
contains.

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Color

**YUV(41.3760, -3.6364,
-0.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	292B22
RGB	41, 43, 34
RGB Percent	16%, 17%, 13%
CMY	0.8392, 0.8314, 0.8667
CMYK	0.05, 0.00, 0.21, 0.83
HSL	73°, 12%, 15%
HSV	73°, 21%, 17%
XYZ	2.0671, 2.3147, 1.8512
YIQ	41.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

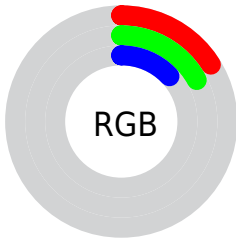
Format	Color
RYB	34, 43, 36
Decimal	2698018
CIELab	17.06, -2.93, 5.57
CIELCh	17, 6.294, 117.747
Yxy	2.3147, 0.3316, 0.3714
Android (android.graphics.Color)	4280888098 (0xFF292B22)
YUV	41.3760, -3.6364, -0.3298
Hunter-Lab	15.2140, -2.3725, 3.4356

Details

The YUV color **41.3760, -3.6364, -0.3298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.6240, 3.6364, 0.3298**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2620, -4.0732, -0.2298**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.6210, -5.2362, -0.5446**, and if you desaturate by 10%, it is **42.1310, -2.0366, -0.1149**.

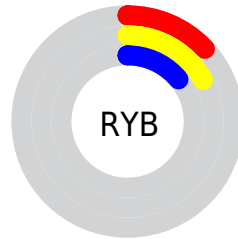
Distribution



Red (16%)

Green (17%)

Blue (13%)



Red (13%)

Yellow (17%)

Blue (14%)

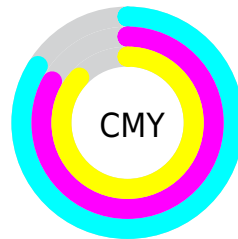


Cyan (5%)

Magenta (0%)

Yellow (21%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3760, -3.6364, -0.3298 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 41.3760, -3.6364, -0.3298 by changing the saturation by 10% instead.

■ 41.3760, -3.6364,
-0.3298

■ 41.3760, -3.6364,
-0.3298

■ 255.0000, 0.0000,
0.0000

■ 21.1480, -4.5100,
-0.1298

■ 86.2620, -4.0732,
-0.2298

■ 0.0000, 0.0000,
0.0000

■ 111.1480, -4.5100,
-0.1298

■ 136.1480, -4.5100,
-0.1298

■ 162.1480, -4.5100,
-0.1298

■ 189.7350, -4.7994,
-0.6446

■ 217.0340, -4.9468,

-0.0298

■ 245.7350, -4.7994,
-0.6446

■ 41.3760, -3.6364,
-0.3298

■ 41.3760, -3.6364,
-0.3298

■ 40.6210, -5.2362,
-0.5446

■ 42.1310, -2.0366,
-0.1149

■ 39.7520, -7.2727,
-0.6595

■ 43.0000, 0.0000,
0.0000

■ 38.9970, -8.8725,
-0.8744

■ 43.7550, 1.5998,
0.2149

■ 38.2420, -10.4723,
-1.0892

■ 44.5100, 3.1996,
0.4297

■ 37.4870, -12.0721,
-1.3041

■ 45.3790, 5.2362,
0.5446

■ 36.6180, -14.1087,
-1.4190

■ 46.1340, 6.8359,
0.7595

■ 35.8630, -15.7085,
-1.6339

■ 46.8890, 8.4357,
0.9743

■ 35.1080, -17.3082,
-1.8487

■ 47.6440, 10.0355,
1.1892

■ 48.5130, 12.0721,
1.3041

Harmonies

Analogous

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



42.1700, -4.5208, 3.3589



41.3760, -3.6364, -0.3298



40.8100, -1.8783, -4.2184

Triad

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



41.3760, -3.6364, -0.3298



40.9820, 3.9529, -7.8772



43.0440, -0.0217, 6.9774

Complementary

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



41.3760, -3.6364, -0.3298



35.6240, 3.6364, 0.3298

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.



43.1900, 1.8783, 4.2184



41.3760, -3.6364, -0.3298



41.5310, 4.6682, -3.9737

Square

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



41.3760, -3.6364, -0.3298



40.6290, 2.6479, -9.3216



42.3250, 3.7838, -0.2850



42.4740, -2.2057, 7.4773

Rectangle

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



41.3760, -3.6364, -0.3298



40.8420, -0.4151, -6.8774



42.3250, 3.7838, -0.2850



42.8590, 0.5625, 6.2627

Sweetspot

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



41.3760, -3.6364, -0.3298



55.3590, -1.1630, -0.3148



37.8650, -1.9054, 4.5034



27.7720, -0.8736, 0.2000



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



41.3760, -3.6364, -0.3298



53.5070, -5.6730, -0.4446



40.1800, -3.0467, -2.7889



19.7720, -0.8736, 0.2000



68.7430, -33.8903, -3.2826



173.7790, -85.6730, -7.6992

Inverse Universe

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



35.6240, 3.6364, 0.3298



44.4930, 5.6730, 0.4446



36.8200, 3.0467, 2.7889



18.5270, 0.7262, 0.4148



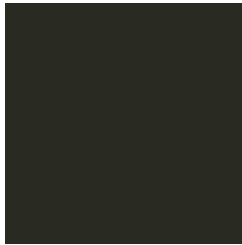
15.2570, 33.8903, 3.2826



38.2210, 85.6730, 7.6992

Previews

White Background



This preview shows how the YUV color 41.3760, -3.6364, -0.3298 looks on a white background.

Color Contrast Check

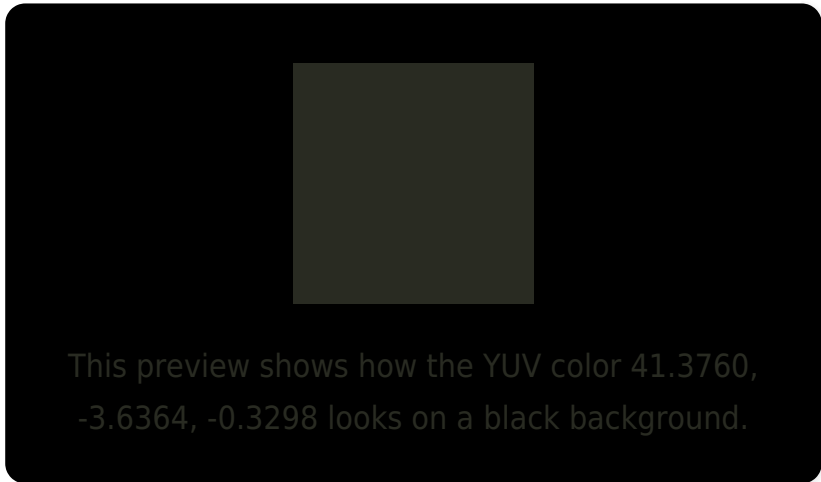
Large Text (above 18pt) WCAG AA ✓ Pass

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

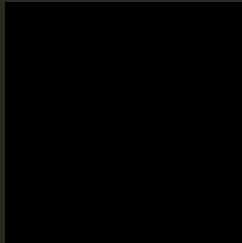
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

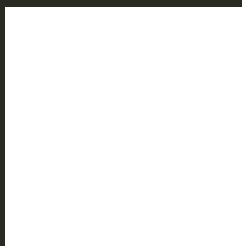
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.3760, -3.6364, -0.3298

Background



This preview shows how black text looks on a background with the YUV color 41.3760, -3.6364, -0.3298.



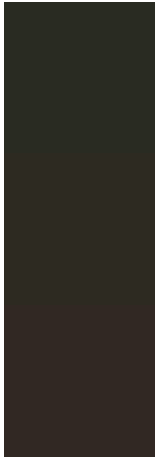
This preview shows how white text looks on a background with the YUV color 41.3760, -3.6364, -0.3298.

-0.3298.

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

41.3760, -3.6364, -0.3298

Protanopia

41.8710, -4.3734, 2.7441

Deuteranopia

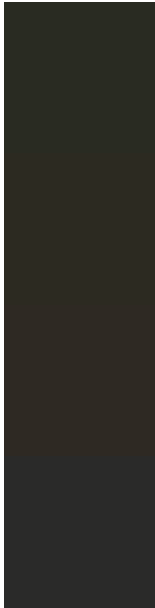
42.1210, -3.5107, 6.0329



Tritanopia

42.6410, 1.1630, 0.3148

Trichromacy



Original Color

41.3760, -3.6364, -0.3298

Protanomaly

41.5720, -4.2260, 2.1294

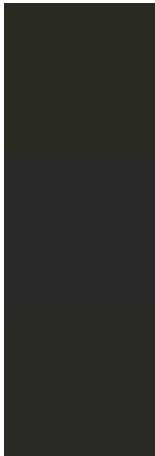
Deuteranomaly

41.8110, -3.3578, 3.6738

Tritanomaly

41.8860, -0.4368, 0.1000

Monochromacy



Original Color

41.3760, -3.6364, -0.3298

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3760, -3.6364, -0.3298 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(41, 43, 34)` looks like.

```
.text, #text, p{  
    color:rgb(41, 43, 34)  
}
```

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(41, 43, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 43, 34) }
```

Border

The CSS property to change the border of an element to YUV 41.3760, -3.6364, -0.3298 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(41, 43, 34) }
```


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

```
.border{ border-color:rgb(41, 43, 34) }
```

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

Here you see how a box with a 4 pixel rgb(41, 43, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 43, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 43, 34);  
box-shadow:4px 4px 4px 4px rgb(41, 43, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3760, -3.6364, -0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 43, 34) }
```

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

```
.background{ background-color: rgb(41, 43,  
34) }
```

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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