

Converting Colors

YUV(40.1000, -4.9793, 10.4363)

Have a look what the booklet for
YUV(40.1000, -4.9793, 10.4363)
contains.

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Color

**YUV(40.1000, -4.9793,
10.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	34241E
RGB	52, 36, 30
RGB Percent	20%, 14%, 12%
CMY	0.7961, 0.8588, 0.8824
CMYK	0.00, 0.31, 0.42, 0.80
HSL	16°, 27%, 16%
HSV	16°, 42%, 20%
XYZ	2.2814, 2.0856, 1.5106
YIQ	40.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

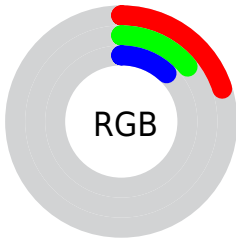
Format	Color
R_{YB}	52, 38, 30
Decimal	3417118
CIE Lab	15.93, 6.60, 6.99
CIE LCh	16, 9.618, 46.655
Yxy	2.0856, 0.3882, 0.3548
Android (android.graphics.Color)	4281607198 (0xFF34241E)
YUV	40.1000, -4.9793, 10.4363
Hunter-Lab	14.4414, 2.9261, 3.9072

Details

The YUV color **40.1000, -4.9793, 10.4363** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.9000, 4.9793, -10.4363**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.5840, -5.7109, 11.7658**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1820, -6.0057, 12.9954**, and if you desaturate by 10%, it is **43.0180, -3.9529, 7.8772**.

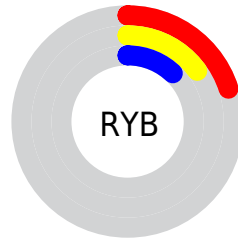
Distribution



Red (20%)

Green (14%)

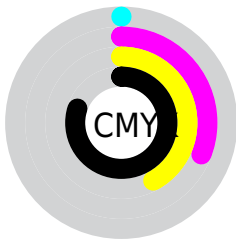
Blue (12%)



Red (20%)

Yellow (15%)

Blue (12%)

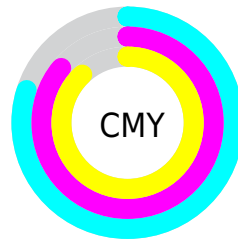


Cyan (0%)

Magenta (31%)

Yellow (42%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1000, -4.9793, 10.4363 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 40.1000, -4.9793, 10.4363 by changing the saturation by 10% instead.

■ 40.1000, -4.9793,
10.4363

■ 40.1000, -4.9793,
10.4363

255.0000, 0.0000,
0.0000

■ 18.9430, -6.8739,
11.4510

■ 85.5840, -5.7109,
11.7658

■ 0.0000, 0.0000,
0.0000

■ 109.7690, -6.2951,
12.4806

■ 135.0680, -6.4425,
13.0954

■ 161.3670, -6.5899,
13.7101

■ 188.6660, -6.7373,
14.3249

■ 215.9650, -6.8847,

14.9397

■ 242.7580, -6.2897,
10.7362

■ 40.1000, -4.9793,
10.4363

■ 40.1000, -4.9793,
10.4363

■ 37.1820, -6.0057,
12.9954

■ 43.0180, -3.9529,
7.8772

■ 34.2640, -7.0322,
15.5545

■ 45.9360, -2.9264,
5.3181

■ 31.8190, -8.7848,
17.6987

■ 48.3810, -1.1738,
3.1739

■ 28.9010, -9.8112,
20.2578

■ 51.2990, -0.1474,
0.6148

■ 25.9830, -10.8376,
22.8169

■ 54.2170, 0.8790,
-1.9443

■ 23.7660, -11.7166,
24.7612

■ 57.1350, 1.9054,
-4.5034

■ 59.4660, 3.2213,
-6.5477

■ 62.4980, 4.6845,
-9.2067

■ 65.4160, 5.7109,
-11.7658

Harmonies

Analogous

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



40.7950, -2.3639, 11.5808



40.1000, -4.9793, 10.4363



39.3230, -6.5682, 6.7327

Triad

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



40.1000, -4.9793, 10.4363



36.8200, -0.4043, -10.3661



39.9980, 6.4100, -2.6292

Complementary

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



40.1000, -4.9793, 10.4363



41.9000, 4.9793, -10.4363

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.



38.1820, 7.3053, -9.8066



40.1000, -4.9793, 10.4363



36.1230, 3.3904, -14.1399

Square

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



40.1000, -4.9793, 10.4363



37.9410, -3.9149, -4.3333



36.8070, 6.0111, -14.7397



40.7600, 4.0623, 3.7185

Rectangle

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



40.1000, -4.9793, 10.4363



39.3010, -6.5574, 3.2440



36.8070, 6.0111, -14.7397



39.3890, 6.7102, -5.6032

Sweetspot

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



40.1000, -4.9793, 10.4363



63.8650, -1.9054, 4.5034



38.4020, 3.7458, 11.9254



32.9680, -1.4632, 2.6591



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



40.1000, -4.9793, 10.4363



49.7480, -7.7638, 16.8840



46.5570, -8.1626, 4.7735



24.4840, -0.7316, 1.3295



40.6990, -20.0646, 42.3600



99.5160, -49.0614, 103.0335

Inverse Universe

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



41.9000, 4.9793, -10.4363



52.6650, 8.0532, -16.3692



35.4430, 8.1626, -4.7735



24.5160, 0.7316, -1.3295



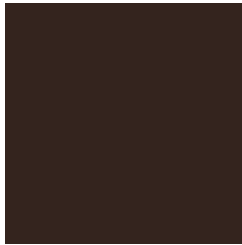
48.3010, 20.0646, -42.3600



117.4840, 49.0614, -103.0335

Previews

White Background



This preview shows how the YUV color 40.1000, -4.9793, 10.4363 looks on a white background.

Color Contrast Check

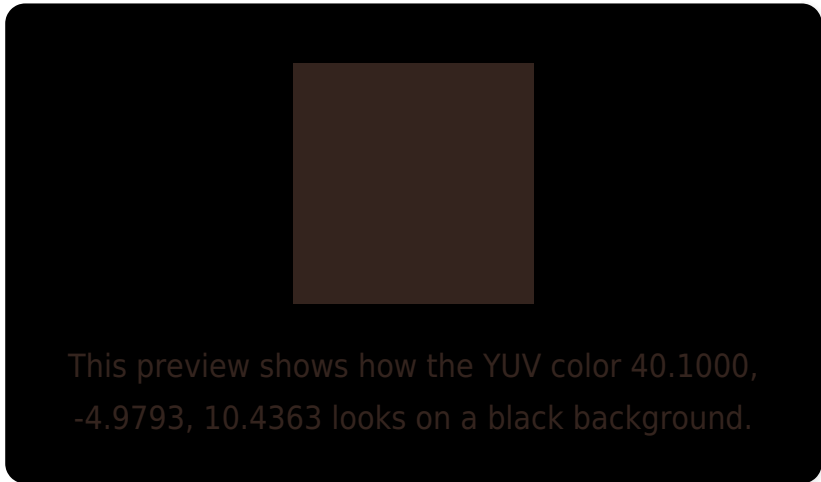
Large Text (above 18pt) WCAG AA ✓ Pass

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

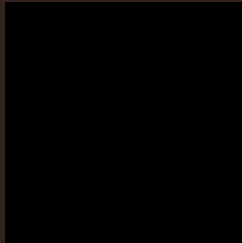
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1000, -4.9793, 10.4363

Background



This preview shows how black text looks on a background with the YUV color 40.1000, -4.9793, 10.4363.



This preview shows how white text looks on a background with the YUV color 40.1000, -4.9793,

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

40.1000, -4.9793, 10.4363

Protanopia

39.6860, -3.7892, 2.0294

Deuteranopia

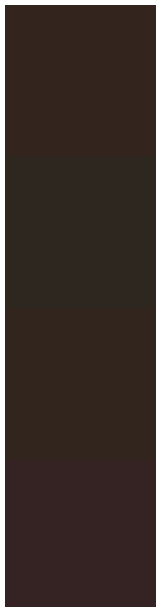
39.7790, -4.8210, 6.3328



Tritanopia

40.7240, -1.3429, 10.7661

Trichromacy



Original Color

40.1000, -4.9793, 10.4363

Protanomaly

40.1810, -4.5262, 5.1033

Deuteranomaly

39.7900, -4.8265, 8.0772

Tritanomaly

40.3820, -2.6533, 11.0660

Monochromacy



Original Color

40.1000, -4.9793, 10.4363

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1000, -4.9793, 10.4363 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(52, 36, 30)` looks like.

```
.text, #text, p{  
    color:rgb(52, 36, 30)  
}
```

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(52, 36, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 36, 30) }
```

Border

The CSS property to change the border of an element to YUV 40.1000, -4.9793, 10.4363 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(52, 36, 30) }
```


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

```
.border{ border-color:rgb(52, 36, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 36, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 36, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 36, 30);  
box-shadow:4px 4px 4px 4px rgb(52, 36, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1000, -4.9793, 10.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 36, 30) }
```

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

```
.background{ background-color: rgb(52, 36,  
30) }
```

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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