

Converting Colors

YUV(41.3160, -2.6208, 0.5999)

Have a look what the booklet for
YUV(41.3160, -2.6208, 0.5999)
contains.

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Color

**YUV(41.3160, -2.6208,
0.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2A24
RGB	42, 42, 36
RGB Percent	16%, 16%, 14%
CMY	0.8353, 0.8353, 0.8588
CMYK	0.00, 0.00, 0.14, 0.84
HSL	60°, 8%, 15%
HSV	60°, 14%, 16%
XYZ	2.1012, 2.2755, 1.9975
YIQ	41.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

Format	Color
RYB	36, 42, 36
Decimal	2763300
CIELab	16.87, -1.36, 3.93
CIElCh	17, 4.155, 109.076
Yxy	2.2755, 0.3296, 0.3570
Android (android.graphics.Color)	4280953380 (0xFF2A2A24)
YUV	41.3160, -2.6208, 0.5999
Hunter-Lab	15.0849, -1.5345, 2.7083

Details

The YUV color **41.3160, -2.6208, 0.5999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.6840, 2.6208, -0.5999**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2020, -3.0576, 0.6998**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.8600, -4.3680, 0.9998**, and if you desaturate by 10%, it is **41.7720, -0.8736, 0.2000**.

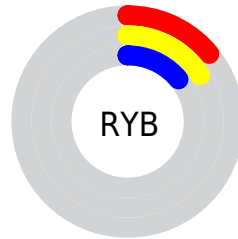
Distribution



Red (16%)

Green (16%)

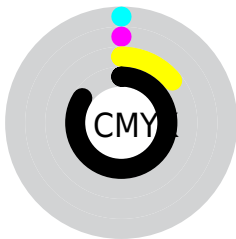
Blue (14%)



Red (14%)

Yellow (16%)

Blue (14%)

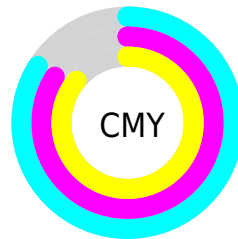


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.3160, -2.6208, 0.5999 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 41.3160, -2.6208, 0.5999 by changing the saturation by 10% instead.

■ 41.3160, -2.6208,
0.5999

■ 41.3160, -2.6208,
0.5999

■ 255.0000, 0.0000,
0.0000

■ 21.2020, -3.0576,
0.6998

■ 86.2020, -3.0576,
0.6998

■ 0.0000, 0.0000,
0.0000

■ 111.2020, -3.0576,
0.6998

■ 136.2020, -3.0576,
0.6998

■ 162.2020, -3.0576,
0.6998

■ 189.0880, -3.4944,
0.7998

■ 217.0880, -3.4944,

0.7998

■ 245.9740, -3.9312,
0.8998

■ 41.3160, -2.6208,
0.5999

■ 41.3160, -2.6208,
0.5999

■ 40.8600, -4.3680,
0.9998

■ 41.7720, -0.8736,
0.2000

■ 40.4040, -6.1152,
1.3997

■ 42.2280, 0.8736,
-0.2000

■ 39.8340, -8.2992,
1.8996

■ 42.7980, 3.0576,
-0.6998

■ 39.3780, -10.0464,
2.2995

■ 43.2540, 4.8048,
-1.0998

■ 38.9220, -11.7935,
2.6994

■ 43.7100, 6.5520,
-1.4997

■ 38.4660, -13.5407,
3.0993

■ 44.1660, 8.2992,
-1.8996

■ 38.0100, -15.2879,
3.4992

■ 44.6220, 10.0464,
-2.2995

■ 37.4400, -17.4719,
3.9991

■ 45.1920, 12.2303,
-2.7994

■ 37.2120, -18.3455,
4.1991

■ 45.6480, 13.9775,
-3.1993

Harmonies

Analogous

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



41.6260, -2.7736, 2.9590



41.3160, -2.6208, 0.5999



41.2340, -1.5944, -1.9592

Triad

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



41.3160, -2.6208, 0.5999



40.9500, 2.4896, -5.2182



42.4350, 0.2785, 4.0035

Complementary

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



41.3160, -2.6208, 0.5999



36.6840, 2.6208, -0.5999

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.



41.8800, 2.0312, 1.8592



41.3160, -2.6208, 0.5999



41.0750, 2.9210, -3.5738

Square

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



41.3160, -2.6208, 0.5999



40.3090, 1.3267, -5.5330



41.6840, 2.6208, -0.5999



42.3920, -1.1793, 4.9182

Rectangle

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



41.3160, -2.6208, 0.5999



40.7500, -0.8628, -3.2887



41.6840, 2.6208, -0.5999



42.2500, 0.8628, 3.2888

Sweetspot

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



41.3160, -2.6208, 0.5999



53.6580, -1.3104, 0.2999



37.7940, -0.8844, 3.6887



27.8860, -0.4368, 0.1000



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.



41.3160, -2.6208, 0.5999



52.8600, -4.3680, 0.9998



40.4190, -2.1786, -1.2445



19.7720, -0.8736, 0.2000



74.4240, -36.6910, 8.3982



187.8320, -92.6012, 21.1953

Inverse Universe

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



36.6840, 2.6208, -0.5999



45.1400, 4.3680, -0.9998



37.5810, 2.1786, 1.2445



18.2280, 0.8736, -0.2000



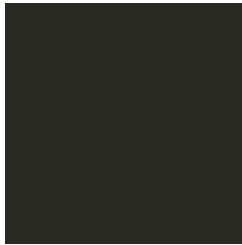
9.5760, 36.6910, -8.3982



24.1680, 92.6012, -21.1953

Previews

White Background



This preview shows how the YUV color 41.3160, -2.6208, 0.5999 looks on a white background.

Color Contrast Check

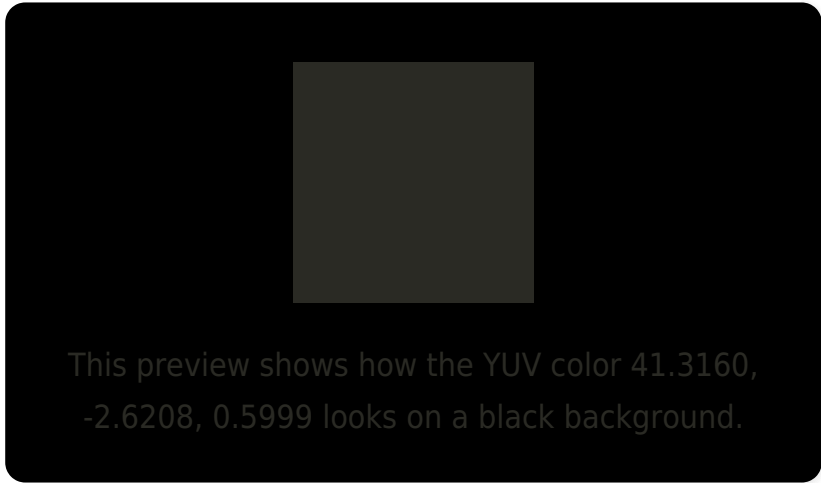
Large Text (above 18pt) WCAG AA ✓ Pass

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

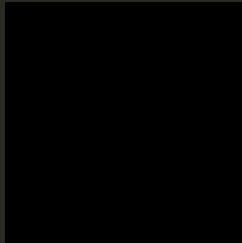
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.3160, -2.6208, 0.5999

Background



This preview shows how black text looks on a background with the YUV color 41.3160, -2.6208, 0.5999.



This preview shows how white text looks on a background with the YUV color 41.3160, -2.6208,

0.5999.

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

41.3160, -2.6208, 0.5999

Protanopia

41.3270, -2.6262, 2.3442

Deuteranopia

41.6370, -2.7790, 4.7034



Tritanopia

41.9400, 1.0156, 0.9296

Trichromacy



Original Color

41.3160, -2.6208, 0.5999

Protanomaly

41.0280, -2.4788, 1.7294

Deuteranomaly

41.6260, -2.7736, 2.9590

Tritanomaly

41.5980, -0.2948, 1.2296

Monochromacy



Original Color

41.3160, -2.6208, 0.5999

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.3160, -2.6208, 0.5999 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(42, 42, 36)` looks like.

```
.text, #text, p{  
    color:rgb(42, 42, 36)  
}
```

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(42, 42, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 42, 36) }
```

Border

The CSS property to change the border of an element to YUV 41.3160, -2.6208, 0.5999 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(42, 42, 36) }
```


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

```
.border{ border-color:rgb(42, 42, 36) }
```

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

Here you see how a box with a 4 pixel rgb(42, 42, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 42, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 42, 36);  
box-shadow:4px 4px 4px 4px rgb(42, 42, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.3160, -2.6208, 0.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 42, 36) }
```

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

```
.background{ background-color: rgb(42, 42,  
36) }
```

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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