

Converting Colors

YUV(52.3160, -6.0718, -12.5551)

Have a look what the booklet for
YUV(52.3160, -6.0718, -12.5551)
contains.

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Color

**YUV(52.3160, -6.0718,
-12.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	263E28
RGB	38, 62, 40
RGB Percent	15%, 24%, 16%
CMY	0.8510, 0.7569, 0.8431
CMYK	0.39, 0.00, 0.35, 0.76
HSL	125°, 24%, 20%
HSV	125°, 39%, 24%
XYZ	2.9050, 4.0105, 2.6285
YIQ	52.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

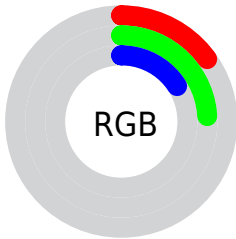
Format	Color
RYB	38, 60, 62
Decimal	2506280
CIELab	23.71, -14.82, 10.66
CIELCh	24, 18.253, 144.280
Yxy	4.0105, 0.3044, 0.4202
Android (android.graphics.Color)	4280696360 (0xFF263E28)
YUV	52.3160, -6.0718, -12.5551
Hunter-Lab	20.0263, -9.1533, 6.2365

Details

The YUV color **52.3160, -6.0718, -12.5551** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **47.6840, 6.0718, 12.5551**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3760, -7.0874, -13.4848**, and **12.3270, -6.0772, -10.8108** is the 20% darker color. If you saturate the color by 10%, you get **49.8380, -7.8081, -15.6439**, and if you desaturate by 10%, it is **54.7940, -4.3354, -9.4663**.

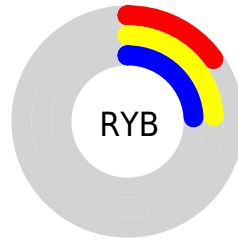
Distribution



Red (15%)

Green (24%)

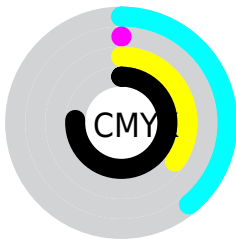
Blue (16%)



Red (15%)

Yellow (24%)

Blue (24%)

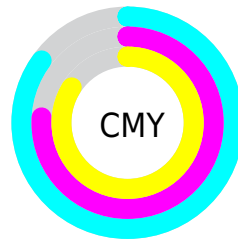


Cyan (39%)

Magenta (0%)

Yellow (35%)

Black (76%)



Cyan (85%)

Magenta (76%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3160, -6.0718, -12.5551 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 52.3160, -6.0718, -12.5551 by changing the saturation by 10% instead.

■ 52.3160, -6.0718,
-12.5551

■ 52.3160, -6.0718,
-12.5551

255.0000, 0.0000,
0.0000

■ 30.8430, -5.3456,
-12.1403

■ 99.3760, -7.0874,
-13.4848

■ 12.3270, -6.0772,
-10.8108

■ 124.3760, -7.0874,
-13.4848

■ 0.0000, 0.0000,
0.0000

■ 149.9630, -7.3768,
-13.9996

■ 176.5500, -7.6662,
-14.5144

■ 204.1370, -7.9555,
-15.0291

■ 232.7240, -8.2449,

-15.5439

■ 250.4570, -3.1833,
-5.6628

■ 52.3160, -6.0718,
-12.5551

■ 52.3160, -6.0718,
-12.5551

■ 49.8380, -7.8081,
-15.6439

■ 54.7940, -4.3354,
-9.4663

■ 47.4740, -9.1077,
-18.8327

■ 57.1580, -3.0359,
-6.2776

■ 44.6970, -10.6966,
-22.5363

■ 59.9350, -1.4470,
-2.5740

■ 42.2190, -12.4330,
-25.6251

■ 62.4130, 0.2894,
0.5148

■ 39.8550, -13.7325,
-28.8138

■ 64.7770, 1.5889,
3.7036

■ 37.3770, -15.4689,
-31.9026

■ 67.2550, 3.3253,
6.7924

■ 36.9640, -15.7583,
-32.4174

■ 69.7330, 5.0616,
9.8812

■ 72.3960, 6.2138,
13.6847

■ 74.8740, 7.9501,
16.7735

Harmonies

Analogous

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



54.3130, -11.4933, -0.2745



52.3160, -6.0718, -12.5551



49.2910, 1.8285, -26.5652

Triad

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



52.3160, -6.0718, -12.5551



53.3640, 14.6105, -19.6132



57.0630, -5.4541, 22.7467

Complementary

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



52.3160, -6.0718, -12.5551



47.6840, 6.0718, 12.5551

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.



58.0610, 0.9559, 20.1175



52.3160, -6.0718, -12.5551



57.0780, 11.7935, -2.6994

Square

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



52.3160, -6.0718, -12.5551



46.1830, 15.6858, -37.8715



58.3140, 7.2402, 11.1256



56.6620, -10.6794, 18.7134

Rectangle

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



52.3160, -6.0718, -12.5551



45.6470, 8.5550, -37.4014



58.3140, 7.2402, 11.1256



57.5190, -3.7069, 22.3468

Sweetspot

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



52.3160, -6.0718, -12.5551



77.9840, -2.4571, -5.2480



58.6660, -10.1883, 1.1699



38.6360, -1.2995, -3.1888



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



52.3160, -6.0718, -12.5551



66.6480, -9.6865, -19.8623



53.6840, -0.8302, -13.7549



29.7610, -0.8682, -1.5444



56.0900, -23.7084, -49.1909



132.3660, -56.3824, -116.0850

Inverse Universe

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



47.6840, 6.0718, 12.5551



59.2380, 9.2497, 19.9623



46.3160, 0.8302, 13.7549



29.1250, 0.4314, 1.6444



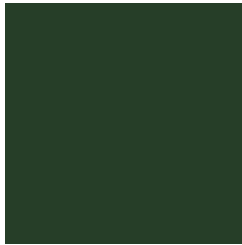
37.9100, 23.7084, 49.1909



89.5200, 55.9456, 116.1850

Previews

White Background



This preview shows how the YUV color 52.3160, -6.0718, -12.5551 looks on a white background.

Color Contrast Check

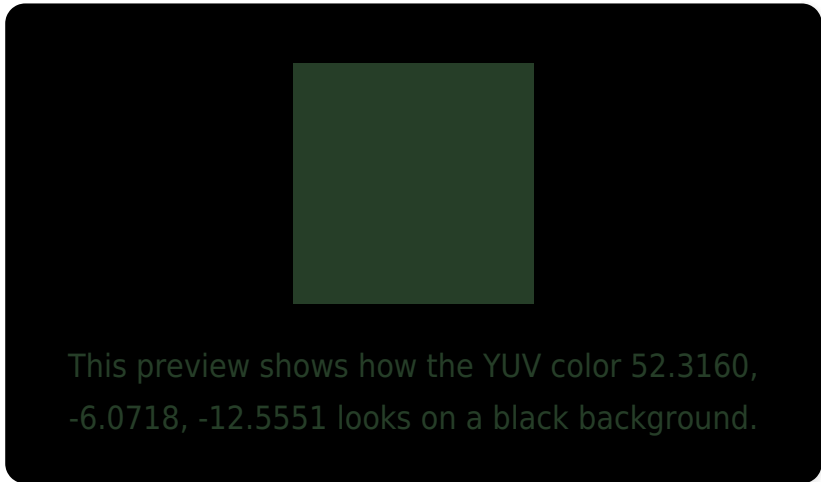
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.3160, -6.0718, -12.5551 Background



This preview shows how black text looks on a background with the YUV color 52.3160, -6.0718, -12.5551.



This preview shows how white text looks on a background with the YUV color 52.3160, -6.0718,

-12.5551.

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

52.3160, -6.0718, -12.5551

Protanopia

55.4430, -8.5994, 4.8735

Deuteranopia

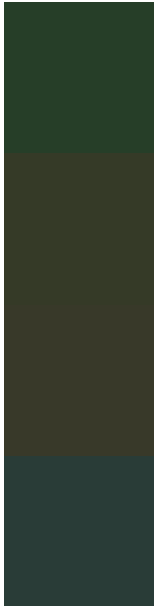
56.2200, -7.0105, 8.5771



Tritanopia

54.7860, 4.5425, -10.3363

Trichromacy



Original Color

52.3160, -6.0718, -12.5551

Protanomaly

54.3390, -7.5621, -1.1743

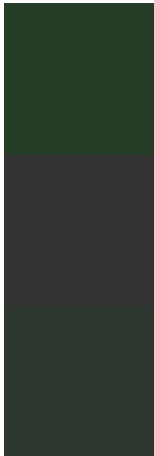
Deuteranomaly

54.8770, -6.8414, 0.9849

Tritanomaly

53.7490, 0.6167, -11.1809

Monochromacy



Original Color

52.3160, -6.0718, -12.5551

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3970, -2.1677, -4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3160, -6.0718, -12.5551 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(38, 62, 40)` looks like.

```
.text, #text, p{  
    color:rgb(38, 62, 40)  
}
```

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(38, 62, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 62, 40) }
```

Border

The CSS property to change the border of an element to YUV 52.3160, -6.0718, -12.5551 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(38, 62, 40) }
```


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

```
.border{ border-color:rgb(38, 62, 40) }
```

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

Here you see how a box with a 4 pixel rgb(38, 62, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 62, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 62, 40);  
box-shadow:4px 4px 4px 4px rgb(38, 62, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3160, -6.0718, -12.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 62, 40) }
```

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

```
.background{ background-color: rgb(38, 62,  
40) }
```

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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