

Converting Colors

YUV(52.7660, -18.6186, -1.5488)

Have a look what the booklet for
YUV(52.7660, -18.6186, -1.5488)
contains.

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Color

**YUV(52.7660, -18.6186,
-1.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	333D0F
RGB	51, 61, 15
RGB Percent	20%, 24%, 6%
CMY	0.8000, 0.7608, 0.9412
CMYK	0.16, 0.00, 0.75, 0.76
HSL	73°, 61%, 15%
HSV	73°, 75%, 24%
XYZ	3.1202, 4.0758, 1.0742
YIQ	52.7660, 8.8060, -16.4260

Conversions

Conversions Part 2

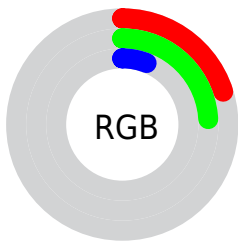
Format	Color
R_{YB}	15, 61, 25
Decimal	3357967
CIE _{Lab}	23.92, -11.97, 25.93
CIE _{LCh}	24, 28.564, 114.782
Yxy	4.0758, 0.3773, 0.4928
Android (android.graphics.Color)	4281548047 (0xFF333D0F)
YUV	52.7660, -18.6186, -1.5488
Hunter-Lab	20.1886, -7.7423, 10.9773

Details

The YUV color **52.7660, -18.6186, -1.5488** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.2340, 18.6186, 1.5488**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.8370, -19.6396, -0.7340**, and **11.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **51.7830, -21.0920, -1.5637**, and if you desaturate by 10%, it is **53.7490, -16.1453, -1.5339**.

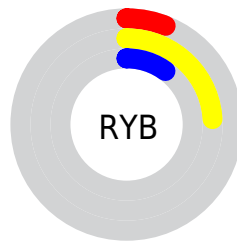
Distribution



Red (20%)

Green (24%)

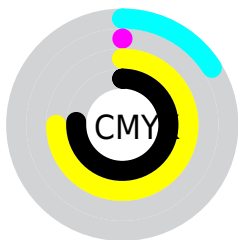
Blue (6%)



Red (6%)

Yellow (24%)

Blue (10%)

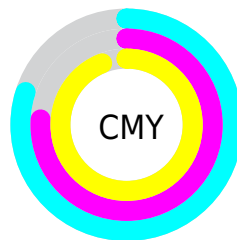


Cyan (16%)

Magenta (0%)

Yellow (75%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7660, -18.6186, -1.5488 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 52.7660, -18.6186, -1.5488 by changing the saturation by 10% instead.

■ 52.7660, -18.6186,
-1.5488

■ 52.7660, -18.6186,
-1.5488

■ 253.7460, -4.8048,
1.0998

■ 31.8630, -15.7085,
-1.6339

■ 99.8370, -19.6396,
-0.7340

■ 11.7400, -5.7878,
-10.2960

■ 125.1960,
-20.8026, -1.0489

■ 0.0000, 0.0000,
0.0000

■ 151.3810,
-21.3868, -0.3341


■ 178.2670,
-21.8236, -0.2342


■ 205.1530,
-22.2604, -0.1342


■ 233.9250,


-23.1340, 0.0658


 250.4400,
-17.4719, 3.9991


 52.7660, -18.6186,
-1.5488


 52.7660, -18.6186,
-1.5488


 51.7830, -21.0920,
-1.5637


 53.7490, -16.1453,
-1.5339


 50.5010, -23.4180,
-2.1934

 55.0310, -13.8193,
-0.9042

 50.1590, -24.7284,
-1.8934

 56.0140, -11.3459,
-0.8893

 56.9970, -8.8725,
-0.8744

 58.3930, -6.1097,
-0.3447

■ 59.3760, -3.6364,
-0.3298

■ 60.3590, -1.1630,
-0.3148

■ 61.6410, 1.1630,
0.3148

■ 62.6240, 3.6364,
0.3298

Harmonies

Analogous

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



55.0670, -21.7250, 14.8502



52.7660, -18.6186, -1.5488



48.5660, -8.6600, -22.4214

Triad

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



52.7660, -18.6186, -1.5488



48.6430, 21.3750, -42.6599



57.4800, 2.2284, 32.0280

Complementary

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



52.7660, -18.6186, -1.5488



23.2340, 18.6186, 1.5488

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.



58.7970, 11.4391, 17.7180



52.7660, -18.6186, -1.5488



46.6200, 26.3163, -40.8857

Square

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



52.7660, -18.6186, -1.5488



47.7650, 12.9339, -41.8899



57.3040, 19.0771, -5.5286



56.1570, -7.9654, 34.9423

Rectangle

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



52.7660, -18.6186, -1.5488



44.4590, 0.2667, -38.9905



57.3040, 19.0771, -5.5286



57.6690, 5.5862, 28.3543

Sweetspot

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



52.7660, -18.6186, -1.5488



75.7520, -7.2727, -0.6595



34.6240, -9.6746, 23.1318



38.7350, -4.7994, -0.6446



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.



52.7660, -18.6186, -1.5488



66.4210, -28.8016, -2.1232



45.8890, -15.2283, -15.6887



30.3590, -1.1630, -0.3148



77.3040, -38.1109, -2.8976



182.3400, -89.8936, -7.3142

Inverse Universe

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



23.2340, 18.6186, 1.5488



20.5790, 28.8016, 2.1232



30.1110, 15.2283, 15.6887



28.3420, 1.3104, -0.2999



16.9950, 37.9635, 3.5124



39.6600, 89.8936, 7.3142

Previews

White Background



This preview shows how the YUV color 52.7660, -18.6186, -1.5488 looks on a white background.

Color Contrast Check

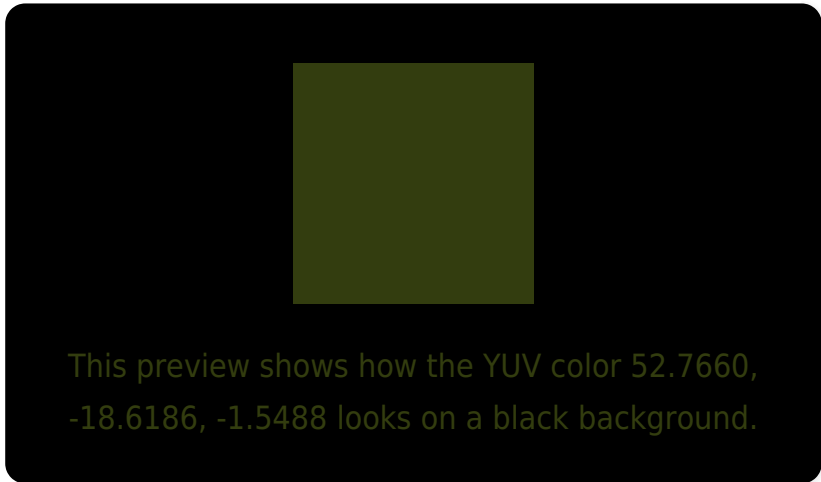
Large Text (above 18pt) WCAG AA ✓ Pass

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

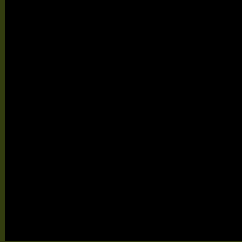
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7660, -18.6186, -1.5488

Background



This preview shows how black text looks on a background with the YUV color 52.7660, -18.6186, -1.5488.



This preview shows how white text looks on a background with the YUV color 52.7660, -18.6186,

-1.5488.

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

52.7660, -18.6186, -1.5488

Protanopia

54.1910, -19.8142, 8.6025

Deuteranopia

54.9790, -18.2306, 14.0504



Tritanopia

57.1570, 1.8946, -1.0147

Trichromacy



Original Color

52.7660, -18.6186, -1.5488

Protanomaly

53.2830, -19.3665, 5.0138

Deuteranomaly

54.5330, -18.5038, 8.3026

Tritanomaly

55.2080, -5.5255, -1.0594

Monochromacy



Original Color

52.7660, -18.6186, -1.5488

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8660, -6.8359, -0.7595

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7660, -18.6186, -1.5488 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(51, 61, 15)` looks like.

```
.text, #text, p{  
    color:rgb(51, 61, 15)  
}
```

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(51, 61, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 61, 15) }
```

Border

The CSS property to change the border of an element to YUV 52.7660, -18.6186, -1.5488 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(51, 61, 15) }
```


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

```
.border{ border-color:rgb(51, 61, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 61, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 61, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 61, 15);  
box-shadow:4px 4px 4px 4px rgb(51, 61, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7660, -18.6186, -1.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 61, 15) }
```

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

```
.background{ background-color: rgb(51, 61,  
15) }
```

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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