

Converting Colors

YUV(45.4820, -17.9856,
-17.9627)

Have a look what the booklet for
YUV(45.4820, -17.9856, -17.9627)
contains.

YUV(45.4820, -17.9856, -17.9627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.4820, -17.9856,
-17.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	193F09
RGB	25, 63, 9
RGB Percent	10%, 25%, 4%
CMY	0.9020, 0.7529, 0.9647
CMYK	0.60, 0.00, 0.86, 0.75
HSL	102°, 75%, 14%
HSV	102°, 86%, 25%
XYZ	2.2277, 3.7814, 0.8709
YIQ	45.4820, -5.3140, -24.8500

Conversions

Conversions Part 2

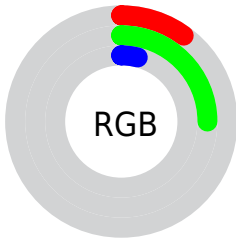
Format	Color
R_{YB}	9, 63, 47
Decimal	1654537
CIE Lab	22.94, -24.73, 27.09
CIE LCh	23, 36.680, 132.401
Yxy	3.7814, 0.3238, 0.5496
Android (android.graphics.Color)	4279844617 (0xFF193F09)
YUV	45.4820, -17.9856, -17.9627
Hunter-Lab	19.4458, -13.5813, 10.9567

Details

The YUV color **45.4820, -17.9856, -17.9627** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.5180, 17.9856, 17.9627**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2540, -18.8592, -17.7628**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **43.6020, -20.0168, -19.8220**, and if you desaturate by 10%, it is **47.3620, -15.9545, -16.1035**.

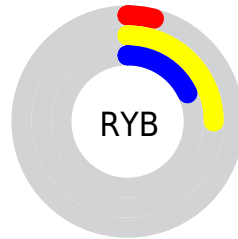
Distribution



Red (10%)

Green (25%)

Blue (4%)



Red (4%)

Yellow (25%)

Blue (18%)

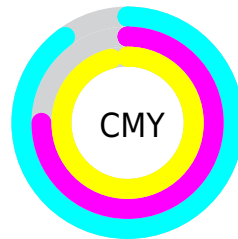


Cyan (60%)

Magenta (0%)

Yellow (86%)

Black (75%)



Cyan (90%)

Magenta (75%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4820, -17.9856, -17.9627 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 45.4820, -17.9856, -17.9627 by changing the saturation by 10% instead.

■ 45.4820, -17.9856,
-17.9627

■ 45.4820, -17.9856,
-17.9627

■ 253.0620, -7.4256,
1.6996

■ 24.6650, -12.1598,
-19.8772

■ 93.2540, -18.8592,
-17.7628

■ 10.5660, -5.2090,
-9.2664

■ 118.6130,
-20.0222, -18.0776

■ 0.0000, 0.0000,
0.0000


■ 144.4990,
-20.4590, -17.9776


■ 170.9720,
-21.1852, -18.3924


■ 198.8580,
-21.6220, -18.2925


■ 227.0320,


-22.2008, -19.3221


 243.4770,
-16.9972, -8.3113


 45.4820, -17.9856,
-17.9627


 45.4820, -17.9856,
-17.9627


 43.6020, -20.0168,
-19.8220


 47.3620, -15.9545,
-16.1035

 42.6620, -21.0324,
-20.7516

 49.6550, -13.6339,
-13.7294

 51.5350, -11.6028,
-11.8702

 53.7140, -9.7190,
-9.3962

 55.7080, -7.2510,
-7.6369

■ 57.8870, -5.3673,
-5.1629

■ 59.7670, -3.3361,
-3.3037

■ 61.6470, -1.3050,
-1.4444

■ 63.9400, 1.0156,
0.9296

Harmonies

Analogous

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



50.5020, -24.8975, 5.6987



45.4820, -17.9856, -17.9627



42.9600, -2.9383, -37.6759

Triad

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



45.4820, -17.9856, -17.9627



48.5920, 28.7951, -42.6152



50.6020, -2.7618, 45.9530

Complementary

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



45.4820, -17.9856, -17.9627



26.5180, 17.9856, 17.9627

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.



53.6360, 9.0535, 36.2762



45.4820, -17.9856, -17.9627



45.6190, 31.2468, -35.6229

Square

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



45.4820, -17.9856, -17.9627



49.1160, 20.6488, -43.0747



56.4140, 19.0229, 11.9149



51.7140, -16.1280, 39.7158

Rectangle

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



45.4820, -17.9856, -17.9627



45.7130, 5.0715, -40.0903



56.4140, 19.0229, 11.9149



51.3290, 1.3168, 44.4385

Sweetspot

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



45.4820, -17.9856, -17.9627



75.0070, -7.3985, -7.0221



47.4520, -18.9568, 13.6356



36.8270, -4.3517, -4.2333



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.



45.4820, -17.9856, -17.9627



55.3100, -27.2678, -27.4589



41.9520, -10.8223, -28.8989



29.7610, -0.8682, -1.5444



63.5500, -31.3301, -31.1773



150.0480, -73.9737, -73.7101

Inverse Universe

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



26.5180, 17.9856, 17.9627



26.3910, 27.4152, 26.8441



30.0480, 10.8223, 28.8989



28.9400, 1.0156, 0.9296



30.4500, 31.3301, 31.1773



71.9520, 73.9737, 73.7101

Previews

White Background



This preview shows how the YUV color 45.4820, -17.9856, -17.9627 looks on a white background.

Color Contrast Check

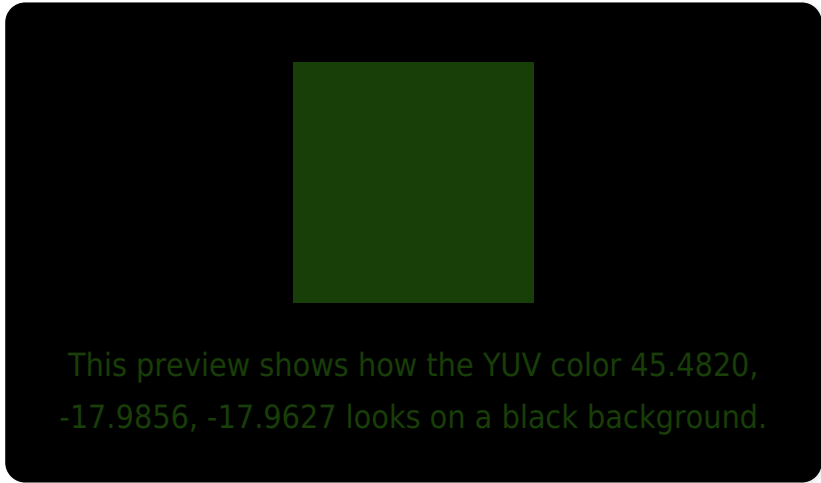
Large Text (above 18pt) WCAG AA ✓ Pass

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

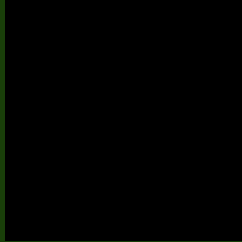
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.4820, -17.9856, -17.9627

Background



This preview shows how black text looks on a background with the YUV color 45.4820, -17.9856, -17.9627.



This preview shows how white text looks on a background with the YUV color 45.4820, -17.9856, -17.9627.

-17.9627.

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

45.4820, -17.9856, -17.9627

Protanopia

51.5070, -22.4350, 9.2024

Deuteranopia

52.9790, -18.2306, 14.0504



Tritanopia

52.2800, 5.2850, -15.1546

Trichromacy



Original Color

45.4820, -17.9856, -17.9627

Protanomaly

49.4950, -20.9500, -0.4341

Deuteranomaly

50.2010, -18.3401, 2.4547

Tritanomaly

49.3910, -3.1508, -16.1289

Monochromacy



Original Color

45.4820, -17.9856, -17.9627

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.5340, -6.6723, -6.6073

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4820, -17.9856, -17.9627 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(25, 63, 9)` looks like.

```
.text, #text, p{  
    color:rgb(25, 63, 9)  
}
```

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(25, 63, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 63, 9) }
```

Border

The CSS property to change the border of an element to YUV 45.4820, -17.9856, -17.9627 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(25, 63, 9) }
```


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

```
.border{ border-color:rgb(25, 63, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 63, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 63, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 63, 9); box-shadow:4px  
4px 4px 4px rgb(25, 63, 9) }
```

Background

The CSS property to change the background color of an element to YUV 45.4820, -17.9856, -17.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 63, 9) }
```

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

```
.background{ background-color: rgb(25, 63,  
9) }
```

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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