

Converting Colors

YUV(51.8320, -25.5532,
-17.3927)

Have a look what the booklet for
YUV(51.8320, -25.5532, -17.3927)
contains.

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Color

**YUV(51.8320, -25.5532,
-17.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	204800
RGB	32, 72, 0
RGB Percent	13%, 28%, 0%
CMY	0.8745, 0.7176, 1.0000
CMYK	0.56, 0.00, 1.00, 0.72
HSL	93°, 100%, 14%
HSV	93°, 100%, 28%
XYZ	2.9130, 4.9418, 0.8003
YIQ	51.8320, -0.7280, -30.8720

Conversions

Conversions Part 2

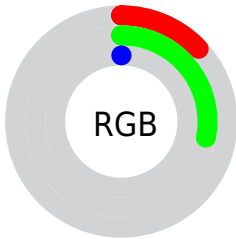
Format	Color
RYB	0, 72, 40
Decimal	2115584
CIELab	26.57, -27.01, 34.36
CIELCh	27, 43.706, 128.172
Yxy	4.9418, 0.3366, 0.5710
Android (android.graphics.Color)	4280305664 (0xFF204800)
YUV	51.8320, -25.5532, -17.3927
Hunter-Lab	22.2302, -15.5123, 13.4266

Details

The YUV color **51.8320, -25.5532, -17.3927** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20.1680, 25.5532, 17.3927**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1310, -25.7006, -16.7779**, and **17.6100, -8.6817, -15.4440** is the 20% darker color. If you saturate the color by 10%, you get **51.8320, -25.5532, -17.3927**, and if you desaturate by 10%, it is **53.8260, -23.0852, -15.6334**.

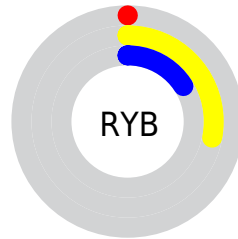
Distribution



Red (13%)

Green (28%)

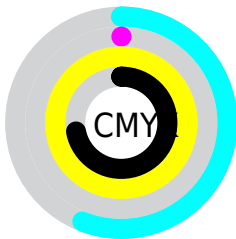
Blue (0%)



Red (0%)

Yellow (28%)

Blue (16%)

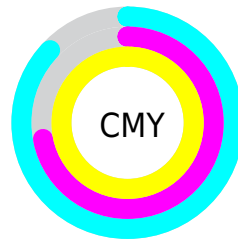


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (87%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8320, -25.5532, -17.3927 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 51.8320, -25.5532, -17.3927 by changing the saturation by 10% instead.

■ 51.8320, -25.5532,
-17.3927

■ 51.8320, -25.5532,
-17.3927

■ 252.4920, -9.6096,
2.1995

■ 30.5570, -15.0646,
-21.5365

■ 101.1310,
-25.7006, -16.7779

■ 17.6100, -8.6817,
-15.4440

■ 126.6040,
-26.4268, -17.1927

■ 0.0000, 0.0000,
0.0000


■ 153.3760,
-27.3004, -16.9928


■ 179.9630,
-27.5898, -17.5076


■ 207.7350,
-28.4634, -17.3076


■ 234.4470,


-28.3214, -16.1780


 246.3100,
-20.3658, -1.1489


 51.8320, -25.5532,
-17.3927

 53.8260, -23.0852,
-15.6334

 55.8200, -20.6173,
-13.8741

 57.9280, -17.7125,
-12.2149

 59.9220, -15.2445,
-10.4556

 61.9160, -12.7766,
-8.6963

■ 63.9100, -10.3086,
-6.9371

■ 65.9040, -7.8407,
-5.1778

■ 68.0120, -4.9359,
-3.5185

■ 70.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



58.4980, -28.8395, 10.0873



51.8320, -25.5532, -17.3927



48.7160, -6.2690, -42.7239

Triad

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



51.8320, -25.5532, -17.3927



57.1010, 33.4742, -50.0776



55.9500, -0.4684, 57.0488

Complementary

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



51.8320, -25.5532, -17.3927



20.1680, 25.5532, 17.3927

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.



60.8200, 13.3997, 42.2539



51.8320, -25.5532, -17.3927



52.2740, 37.8259, -45.8443

Square

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



51.8320, -25.5532, -17.3927



56.9410, 22.7071, -49.9373



64.1130, 25.5803, 8.6709



57.5520, -17.0341, 50.3819

Rectangle

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



51.8320, -25.5532, -17.3927



52.0390, 3.9248, -45.6382



64.1130, 25.5803, 8.6709



56.6060, 4.6312, 54.7195

Sweetspot

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



51.8320, -25.5532, -17.3927



86.3230, -10.0192, -6.4223



45.0080, -22.1889, 23.6720



43.3710, -6.0989, -3.8334



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



51.8320, -25.5532, -17.3927



67.7360, -33.3938, -22.5705



42.7200, -19.0890, -37.4654



34.9460, -1.4524, -0.8296



71.2690, -35.1356, -23.9149



163.4480, -80.5799, -54.7669

Inverse Universe

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



20.1680, 25.5532, 17.3927



26.2640, 33.3938, 22.5705



29.2800, 19.0890, 37.4654



33.0540, 1.4524, 0.8296



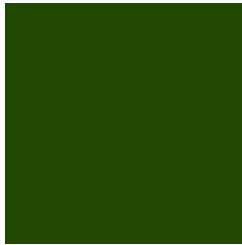
27.7310, 35.1356, 23.9149



63.5520, 80.5799, 54.7669

Previews

White Background



This preview shows how the YUV color 51.8320, -25.5532, -17.3927 looks on a white background.

Color Contrast Check

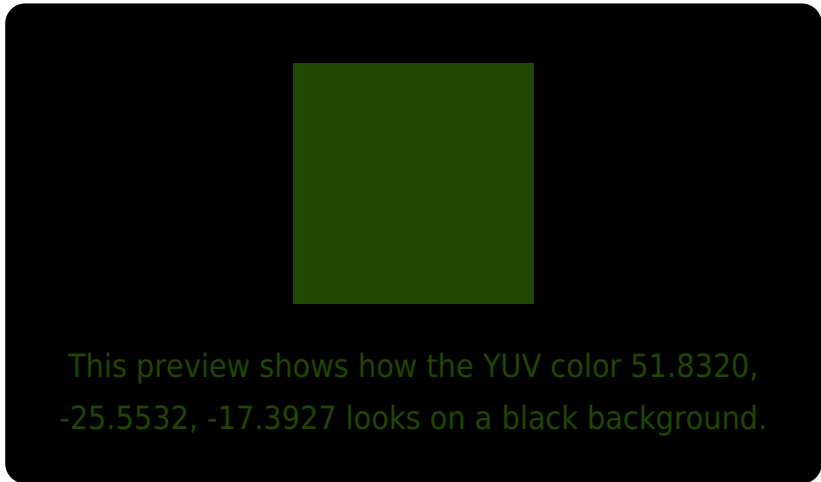
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8320, -25.5532, -17.3927

Background



This preview shows how black text looks on a background with the YUV color 51.8320, -25.5532, -17.3927.



This preview shows how white text looks on a background with the YUV color 51.8320, -25.5532, -17.3927.

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



Protanopia

58.2100, -28.6975, 11.2168

Deuteranopia

60.5510, -22.4566, 16.1798

Tritanopia

60.3940, 5.7218, -15.2545

Trichromacy



Protanomaly

55.7850, -27.5020, 1.0656

Deuteranomaly

57.2460, -23.2923, 4.1693

Tritanomaly

57.4080, -5.6241, -16.1438

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8320, -25.5532, -17.3927 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(32, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(32, 72, 0)  
}
```

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(32, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 72, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.8320, -25.5532, -17.3927 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(32, 72, 0) }
```

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

```
.border{ border-color:rgb(32, 72, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 72, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 72, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 72, 0); box-shadow:4px  
4px 4px 4px rgb(32, 72, 0) }
```


Background

The CSS property to change the background color of an element to YUV 51.8320, -25.5532, -17.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 72, 0) }
```

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

```
.background{ background-color: rgb(32, 72,  
0) }
```

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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