

Converting Colors

YUV(69.8320, -25.5532,
-17.3927)

Have a look what the booklet for
YUV(69.8320, -25.5532, -17.3927)
contains.

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Color

**YUV(69.8320, -25.5532,
-17.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	325A12
RGB	50, 90, 18
RGB Percent	20%, 35%, 7%
CMY	0.8039, 0.6471, 0.9294
CMYK	0.44, 0.00, 0.80, 0.65
HSL	93°, 67%, 21%
HSV	93°, 80%, 35%
XYZ	5.0807, 8.0341, 1.8552
YIQ	69.8320, -0.7280, -30.8720

Conversions

Conversions Part 2

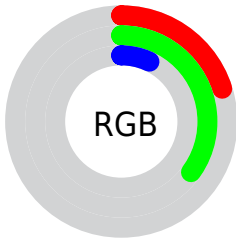
Format	Color
RYB	18, 90, 58
Decimal	3299858
CIELab	34.05, -27.40, 34.84
CIELCh	34, 44.319, 128.186
Yxy	8.0341, 0.3394, 0.5367
Android (android.graphics.Color)	4281489938 (0xFF325A12)
YUV	69.8320, -25.5532, -17.3927
Hunter-Lab	28.3445, -17.6069, 15.9605

Details

The YUV color **69.8320, -25.5532, -17.3927** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **38.1680, 25.5532, 17.3927**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6040, -26.4268, -17.1927**, and **25.8280, -12.7332, -22.6512** is the 20% darker color. If you saturate the color by 10%, you get **67.3110, -28.7473, -19.5667**, and if you desaturate by 10%, it is **72.3530, -22.3590, -15.2186**.

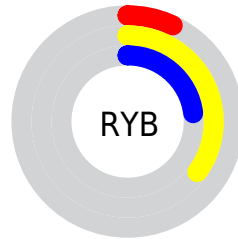
Distribution



Red (20%)

Green (35%)

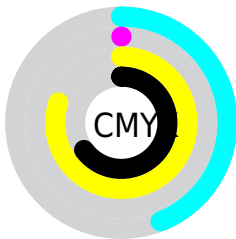
Blue (7%)



Red (7%)

Yellow (35%)

Blue (23%)

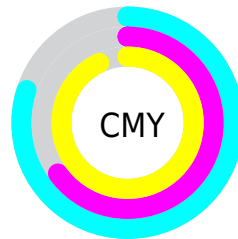


Cyan (44%)

Magenta (0%)

Yellow (80%)

Black (65%)



Cyan (80%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8320, -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 69.8320, -25.5532, -17.3927 by changing the saturation by 10% instead.

■ 69.8320, -25.5532,
-17.3927

■ 69.8320, -25.5532,
-17.3927

254.8860, -0.4368,
0.1000

■ 46.2170, -22.7850,
-18.6073

■ 119.6040,
-26.4268, -17.1927

■ 25.8280, -12.7332,
-22.6512

■ 146.0770,
-27.1530, -17.6075

■ 13.5010, -6.6560,
-11.8404

■ 172.8490,
-28.0266, -17.4076


■ 0.0000, 0.0000,
0.0000


■ 200.6210,
-28.9002, -17.2076


■ 229.0940,
-29.6263, -17.6224


■ 243.0060,


-22.6810, -5.2673


 251.5800,
-13.1039, 2.9993


 69.8320, -25.5532,
-17.3927


 69.8320, -25.5532,
-17.3927


 67.3110, -28.7473,
-19.5667


 72.3530, -22.3590,
-15.2186

 64.7900, -31.9415,
-21.7408

 74.8740, -19.1649,
-13.0445

 77.3950, -15.9707,
-10.8704

 79.9160, -12.7766,
-8.6963

 82.4370, -9.5824,
-6.5222

■ 84.9580, -6.3883,
-4.3482

■ 87.4790, -3.1941,
-2.1741

■ 90.0000, 0.0000,
0.0000

■ 92.5210, 3.1941,
2.1741

Harmonies

Analogous

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



74.4460, -36.7019, 11.8869



69.8320, -25.5532, -17.3927



61.6930, -4.7786, -54.1048

Triad

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



69.8320, -25.5532, -17.3927



69.9470, 37.0011, -61.3435



76.7930, -2.3629, 58.0635

Complementary

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



69.8320, -25.5532, -17.3927



38.1680, 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.



80.1190, 13.2523, 42.8686



69.8320, -25.5532, -17.3927



64.6470, 42.0790, -56.6954

Square

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



69.8320, -25.5532, -17.3927



69.7870, 26.2340, -61.2032



82.0530, 26.5959, 9.6005



76.4060, -18.9342, 53.1409

Rectangle

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



69.8320, -25.5532, -17.3927



65.1300, 5.8519, -57.1190



82.0530, 26.5959, 9.6005



77.2640, 3.3208, 55.0195

Sweetspot

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



69.8320, -25.5532, -17.3927



109.3230, -10.0192, -6.4223



63.0080, -22.1889, 23.6720



54.0720, -5.9515, -4.4481



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



69.8320, -25.5532, -17.3927



85.6940, -39.7821, -26.9186



60.7200, -19.0890, -37.4654



44.5330, -1.7418, -1.3444



79.2210, -39.0560, -26.5038



170.5140, -84.0634, -57.4558

Inverse Universe

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



38.1680, 25.5532, 17.3927



36.3060, 39.7821, 26.9186



47.2800, 19.0890, 37.4654



42.4670, 1.7418, 1.3444



30.7790, 39.0560, 26.5038



66.4860, 84.0634, 57.4558

Previews

White Background



This preview shows how the YUV color 69.8320, -25.5532, -17.3927 looks on a white background.

Color Contrast Check

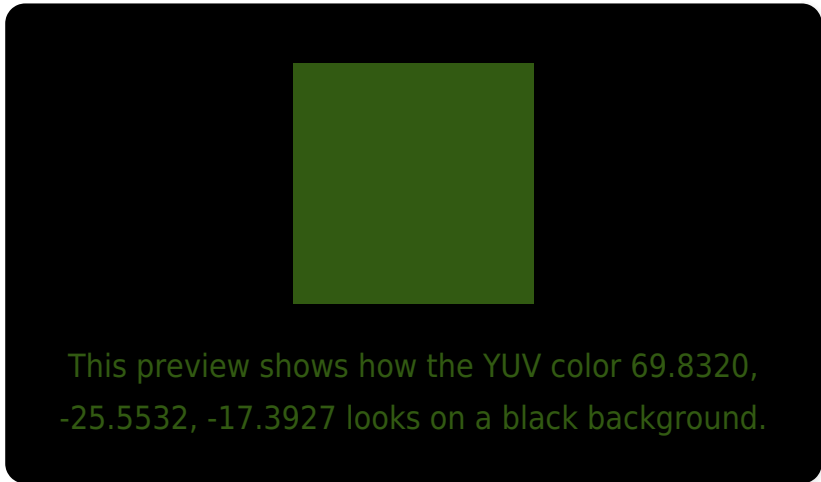
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.8320, -25.5532, -17.3927

Background



This preview shows how black text looks on a background with the YUV color 69.8320, -25.5532, -17.3927.



This preview shows how white text looks on a background with the YUV color 69.8320, -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



Original Color

69.8320, -25.5532, -17.3927

Protanopia

75.5800, -29.8659, 12.6463

Deuteranopia

77.3620, -25.8145, 19.8535



Tritanopia

77.9210, 6.4479, -14.8397

Trichromacy



Original Color

69.8320, -25.5532, -17.3927

Protanomaly

73.5570, -28.3756, 1.2655

Deuteranomaly

74.5730, -25.9185, 6.5135

Tritanomaly

74.8210, -5.3348, -15.6290

Monochromacy



Original Color

69.8320, -25.5532, -17.3927

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8500, -9.2930, -6.0074

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8320, -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(50, 90, 18)` looks like.

```
.text, #text, p{  
    color:rgb(50, 90, 18)  
}
```

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(50, 90, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 90, 18) }
```

Border

The CSS property to change the border of an element to YUV 69.8320, -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(50, 90, 18) }
```


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

```
.border{ border-color:rgb(50, 90, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 90, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 90, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 90, 18);  
box-shadow:4px 4px 4px 4px rgb(50, 90, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.8320, -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(50, 90, 18) }
```

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

```
.background{ background-color: rgb(50, 90,  
18) }
```

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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