

Converting Colors

YUV(51.2560, -25.2692,
-15.1335)

Have a look what the booklet for
YUV(51.2560, -25.2692, -15.1335)
contains.

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Color

**YUV(51.2560, -25.2692,
-15.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	224600
RGB	34, 70, 0
RGB Percent	13%, 27%, 0%
CMY	0.8667, 0.7255, 1.0000
CMYK	0.51, 0.00, 1.00, 0.73
HSL	91°, 100%, 14%
HSV	91°, 100%, 27%
XYZ	2.8498, 4.7204, 0.7609
YIQ	51.2560, 1.0140, -29.4020

Conversions

Conversions Part 2

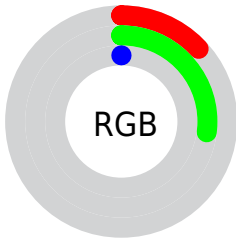
Format	Color
RYB	0, 70, 36
Decimal	2246144
CIELab	25.92, -25.37, 33.81
CIElCh	26, 42.270, 126.882
Yxy	4.7204, 0.3421, 0.5666
Android (android.graphics.Color)	4280436224 (0xFF224600)
YUV	51.2560, -25.2692, -15.1335
Hunter-Lab	21.7265, -14.6076, 13.1320

Details

The YUV color **51.2560, -25.2692, -15.1335** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.7440, 25.2692, 15.1335**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.2560, -25.2692, -15.1335**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **51.2560, -25.2692, -15.1335**, and if you desaturate by 10%, it is **53.2500, -22.8012, -13.3742**.

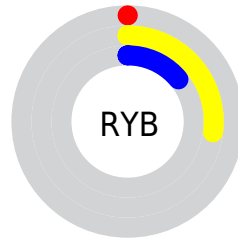
Distribution



Red (13%)

Green (27%)

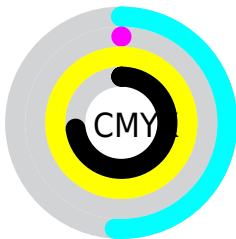
Blue (0%)



Red (0%)

Yellow (27%)

Blue (14%)

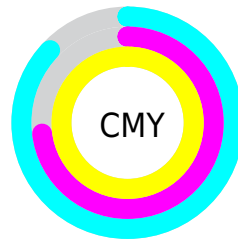


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (87%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.2560, -25.2692, -15.1335 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 51.2560, -25.2692, -15.1335 by changing the saturation by 10% instead.


 51.2560, -25.2692,
-15.1335


 51.2560, -25.2692,
-15.1335


 252.4920, -9.6096,
2.1995


 30.2800, -14.9280,
-18.6626


 100.2560,
-25.2692, -15.1335


 17.0230, -8.3923,
-14.9292

 126.0280,
-26.1428, -14.9336

 0.0000, 0.0000,
0.0000

 151.9140,
-26.5796, -14.8336

 179.2730,
-27.7426, -15.1484


 206.8600,
-28.0320, -15.6632


 235.0450,


-28.6162, -14.9485


 246.4950,
-20.9500, -0.4341


 51.2560, -25.2692,
-15.1335

 53.2500, -22.8012,
-13.3742

 54.9450, -20.1859,
-12.2298

 56.9390, -17.7179,
-10.4705

 58.6340, -15.1026,
-9.3260

 60.6280, -12.6346,
-7.5668

■ 62.6220, -10.1666,
-5.8075

■ 64.3170, -7.5513,
-4.6630

■ 66.3110, -5.0833,
-2.9037

■ 68.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



57.0250, -28.1133, 10.5021



51.2560, -25.2692, -15.1335



47.4280, -6.1270, -41.5944

Triad

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



51.2560, -25.2692, -15.1335



55.4710, 32.3058, -48.6481



55.3410, -0.1681, 54.0749

Complementary

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



51.2560, -25.2692, -15.1335



18.7440, 25.2692, 15.1335

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.



60.0970, 13.2632, 39.3799



51.2560, -25.2692, -15.1335



51.3450, 36.8049, -45.0296

Square

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



51.2560, -25.2692, -15.1335



55.3110, 21.5387, -48.5077



62.5750, 24.8595, 6.5117



57.0680, -16.3025, 49.0524

Rectangle

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



51.2560, -25.2692, -15.1335



50.5230, 3.1932, -44.3087



62.5750, 24.8595, 6.5117



55.9970, 4.9315, 51.7456

Sweetspot

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



51.2560, -25.2692, -15.1335



84.6220, -10.1666, -5.8075



41.4750, -20.4472, 25.0164



41.3710, -6.0989, -3.8334



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



51.2560, -25.2692, -15.1335



67.4590, -33.2573, -19.6965



41.0900, -20.2574, -36.0359



34.9460, -1.4524, -0.8296



72.4650, -35.7252, -21.4558



166.1390, -81.9065, -49.2339

Inverse Universe

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



18.7440, 25.2692, 15.1335



24.5410, 33.2573, 19.6965



28.9100, 20.2574, 36.0359



33.0540, 1.4524, 0.8296



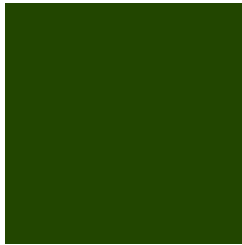
26.5350, 35.7252, 21.4558



60.8610, 81.9065, 49.2339

Previews

White Background



This preview shows how the YUV color 51.2560, -25.2692, -15.1335 looks on a white background.

Color Contrast Check

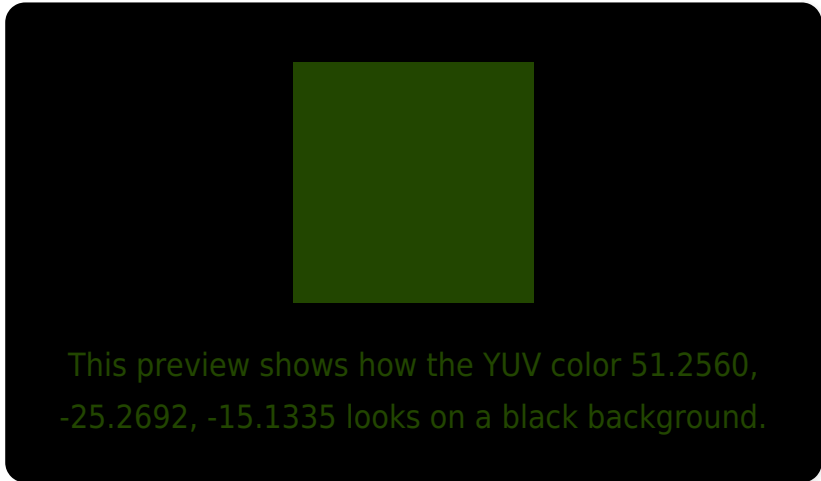
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2560, -25.2692, -15.1335

Background



This preview shows how black text looks on a background with the YUV color 51.2560, -25.2692, -15.1335.



This preview shows how white text looks on a background with the YUV color 51.2560, -25.2692,

-15.1335.

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

51.2560, -25.2692, -15.1335

Protanopia

57.0250, -28.1133, 10.5021

Deuteranopia

58.6650, -22.0198, 16.0798



Tritanopia

59.2910, 5.2795, -13.4102

Trichromacy



Original Color

51.2560, -25.2692, -15.1335

Protanomaly

54.8990, -27.0652, 0.9656

Deuteranomaly

55.6590, -23.0029, 4.6841

Tritanomaly

56.4190, -5.6296, -14.3995

Monochromacy



Original Color

51.2560, -25.2692, -15.1335

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2560, -25.2692, -15.1335 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(34, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(34, 70, 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(34, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 70, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.2560, -25.2692, -15.1335 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(34, 70, 0) }
```


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

```
.border{ border-color:rgb(34, 70, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 70, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 70, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 70, 0); box-shadow:4px  
4px 4px 4px rgb(34, 70, 0) }
```

Background

The CSS property to change the background color of an element to YUV 51.2560, -25.2692, -15.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 70, 0) }
```

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

```
.background{ background-color: rgb(34, 70,  
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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