

Converting Colors

YUV(99.3920, -25.3363,
-87.1668)

Have a look what the booklet for
YUV(99.3920, -25.3363, -87.1668)
contains.

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Color

**YUV(99.3920, -25.3363,
-87.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	00A030
RGB	0, 160, 48
RGB Percent	0%, 63%, 19%
CMY	1.0000, 0.3725, 0.8118
CMYK	1.00, 0.00, 0.70, 0.37
HSL	138°, 100%, 31%
HSV	138°, 100%, 63%
XYZ	13.1043, 25.3550, 6.9996
YIQ	99.3920, -59.4080, -68.7520

Conversions

Conversions Part 2

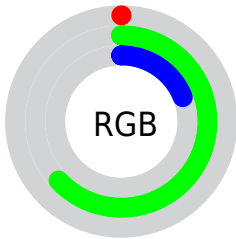
Format	Color
RYB	0, 123, 160
Decimal	41008
CIELab	57.42, -58.16, 46.47
CIELCh	57, 74.444, 141.378
Yxy	25.3550, 0.2883, 0.5578
Android (android.graphics.Color)	4278231088 (0xFF00A030)
YUV	99.3920, -25.3363, -87.1668
Hunter-Lab	50.3538, -41.6654, 27.0058

Details

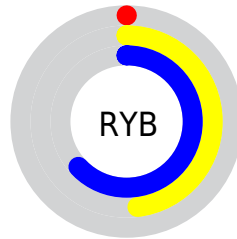
The YUV color **99.3920, -25.3363, -87.1668** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **60.6080, 25.3363, 87.1668**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1020, -32.0953, -65.8645**, and **62.8090, -30.9648, -55.0835** is the 20% darker color. If you saturate the color by 10%, you get **99.3920, -25.3363, -87.1668**, and if you desaturate by 10%, it is **105.4300, -22.8900, -78.4301**.

Distribution



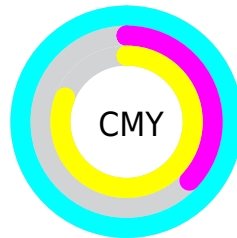
- Red (0%)
- Green (63%)
- Blue (19%)



- Red (0%)
- Yellow (48%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.3920, -25.3363, -87.1668 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 99.3920, -25.3363, -87.1668 by changing the saturation by 10% instead.


 99.3920, -25.3363,
-87.1668


 99.3920, -25.3363,
-87.1668


255.0000, 0.0000,
0.0000


 80.2370, -30.1898,
-70.3678


 165.1020,
-32.0953, -65.8645


 62.8090, -30.9648,
-55.0835


 194.3580,
-33.7005, -64.3350


 47.5470, -23.4407,
-41.6987

 211.9770,
-29.0757, -54.3538

 33.4590, -16.4953,
-29.3435

 224.1390,
-21.2675, -38.7099

 19.3710, -9.5499,
-16.9884

 236.3010,
-13.4594, -23.0660

 0.0000, 0.0000,
0.0000

 248.5770, -5.2145,

-7.5220

■ 99.3920, -25.3363,
-87.1668

■ 105.4300,
-22.8900, -78.4301

■ 111.4680,
-20.4437, -69.6934

■ 117.6200,
-17.5607, -61.0567

■ 123.6580,
-15.1144, -52.3201

■ 129.6960,
-12.6681, -43.5834

■ 135.7340,
-10.2219, -34.8467

■ 141.7720, -7.7756,
-26.1100

■ 147.9240, -4.8925,
-17.4733

■ 153.9620, -2.4463,
-8.7367

Harmonies

Analogous

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



123.3540, -60.8135, -1.1875



99.3920, -25.3363, -87.1668



110.0790, 2.9191, -96.5393

Triad

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



99.3920, -25.3363, -87.1668



117.7070, 67.6854, -103.2290



125.4960, -15.0345, 109.1900

Complementary

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



99.3920, -25.3363, -87.1668



60.6080, 25.3363, 87.1668

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.



129.0520, 15.2574, 99.9324



99.3920, -25.3363, -87.1668



131.4040, 60.9328, -37.1883

Square

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



99.3920, -25.3363, -87.1668



122.9270, 57.2240, -107.8070



140.0360, 39.4223, 49.0804



129.6340, -48.1336, 85.3900

Rectangle

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



99.3920, -25.3363, -87.1668



116.4970, 22.4330, -102.1679



140.0360, 39.4223, 49.0804



124.9660, -4.4202, 111.4088

Sweetspot

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



99.3920, -25.3363, -87.1668



185.1470, -9.9325, -34.3319



127.4080, -62.8121, -13.5128



90.5600, -6.1921, -20.6621



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



99.3920, -25.3363, -87.1668



129.8650, -32.9644, -113.8916



108.5120, 9.6076, -95.1650



76.0380, -1.0047, -4.4183



88.8430, -22.6006, -77.9153



9.3750, -2.1569, -8.2219

Inverse Universe

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



60.6080, 25.3363, 87.1668



79.1350, 32.9644, 113.8916



51.4880, -9.6076, 95.1650



74.0760, 1.4415, 4.3183



54.1570, 22.6006, 77.9153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 99.3920, -25.3363, -87.1668 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.3920, -25.3363, -87.1668 looks on a black 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 × Fail

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

YUV 99.3920, -25.3363, -87.1668

Background



This preview shows how black text looks on a background with the YUV color 99.3920, -25.3363, -87.1668.



This preview shows how white text looks on a background with the YUV color 99.3920, -25.3363, -87.1668.

-87.1668.

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

131.2530, -44.0017, 19.9491

Deuteranopia

133.7520, -37.3457, 31.7895

Tritanopia

125.3660, 18.0606, -52.9410

Trichromacy



Protanomaly

119.4330, -37.1885, -18.7967

Deuteranomaly

121.2150, -33.1370, -11.5896

Tritanomaly

115.8640, 2.5320, -65.6557

Monochromacy



Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9840, -9.3591, -31.5580

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3920, -25.3363, -87.1668 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(0, 160, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 48)  
}
```

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(0, 160, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 48) }
```

Border

The CSS property to change the border of an element to YUV 99.3920, -25.3363, -87.1668 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(0, 160, 48) }
```

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

```
.border{ border-color:rgb(0, 160, 48) }
```

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

Here you see how a box with a 4 pixel rgb(0, 160, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 160, 48)  
}
```


Background

The CSS property to change the background color of an element to YUV 99.3920, -25.3363, -87.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 48) }
```

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

```
.background{ background-color: rgb(0, 160,  
48) }
```

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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