

Converting Colors

YUV(175.5880, -49.0969,
-25.9487)

Have a look what the booklet for
YUV(175.5880, -49.0969, -25.9487)
contains.

YUV(175.5880, -49.0969, -25.9487)	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(175.5880, -49.0969,
-25.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	92D24C
RGB	146, 210, 76
RGB Percent	57%, 82%, 30%
CMY	0.4275, 0.1765, 0.7020
CMYK	0.30, 0.00, 0.64, 0.18
HSL	89°, 60%, 56%
HSV	89°, 64%, 82%
XYZ	36.2052, 52.7260, 15.1064
YIQ	175.5880, 4.8700, -55.2420

Conversions

Conversions Part 2

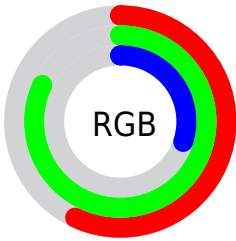
Format	Color
RYB	76, 210, 140
Decimal	9622092
CIELab	77.71, -41.49, 58.04
CIELCh	78, 71.339, 125.558
Yxy	52.7260, 0.3480, 0.5068
Android (android.graphics.Color)	4287812172 (0xFF92D24C)
YUV	175.5880, -49.0969, -25.9487
Hunter-Lab	72.6127, -38.0709, 38.4941

Details

The YUV color **175.5880, -49.0969, -25.9487** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **110.4120, 49.0969, 25.9487**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2020, -46.9346, -19.4712**, and **119.3770, -52.4439, -25.7636** is the 20% darker color. If you saturate the color by 10%, you get **170.2040, -56.7956, -29.9969**, and if you desaturate by 10%, it is **180.9720, -41.3982, -21.9004**.

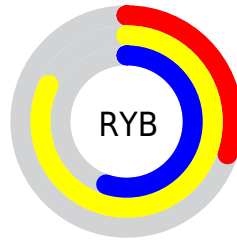
Distribution



Red (57%)

Green (82%)

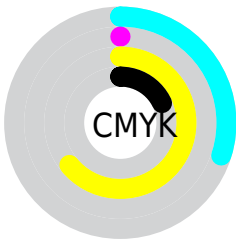
Blue (30%)



Red (30%)

Yellow (82%)

Blue (55%)

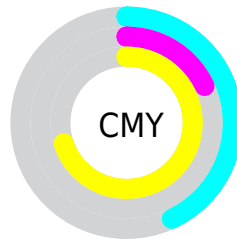


Cyan (30%)

Magenta (0%)

Yellow (64%)

Black (18%)



Cyan (43%)

Magenta (18%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5880, -49.0969, -25.9487 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 175.5880, -49.0969, -25.9487 by changing the saturation by 10% instead.

■ 175.5880,
-49.0969, -25.9487

■ 175.5880,
-49.0969, -25.9487

255.0000, 0.0000,
0.0000

■ 147.5880,
-49.0969, -25.9487

■ 225.2020,
-46.9346, -19.4712

■ 119.3770,
-52.4439, -25.7636

■ 237.3640,
-39.1265, -3.8272

■ 94.2610, -46.4707,
-28.2929

■ 247.1340,
-30.1391, 6.8985

■ 69.7300, -34.3769,
-33.9662

■ 250.4400,
-17.4719, 3.9991

■ 45.7860, -22.5725,
-40.1543

■ 253.7460, -4.8048,
1.0998

■ 32.2850, -15.9165,
-28.3139

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 175.5880,
-49.0969, -25.9487

■ 175.5880,
-49.0969, -25.9487

■ 170.2040,
-56.7956, -29.9969

■ 180.9720,
-41.3982, -21.9004

■ 164.8200,
-64.4943, -34.0451

■ 186.3560,
-33.6995, -17.8522

■ 159.4360,
-72.1929, -38.0934

■ 191.7400,
-26.0008, -13.8040

■ 156.1600,
-76.9869, -40.4823

■ 197.1240,
-18.3021, -9.7557

■ 202.5080,
-10.6034, -5.7075

■ 207.8920, -2.9048,
-1.6593

■ 213.2760, 4.7939,
2.3889

■ 218.6600, 12.4926,
6.4372

■ 222.9040, 15.8233,
11.4852

Harmonies

Analogous

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



182.7060, -67.8891, 28.3218



175.5880, -49.0969, -25.9487



144.4160, -5.1351, -126.6528

Triad

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



175.5880, -49.0969, -25.9487



154.1010, 49.7432, -135.1466



172.7160, 4.5770, 72.1631

Complementary

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



175.5880, -49.0969, -25.9487



110.4120, 49.0969, 25.9487

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.



187.8710, 29.6436, 58.8721



175.5880, -49.0969, -25.9487



162.0620, 45.8184, -89.5084

Square

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



175.5880, -49.0969, -25.9487



159.3840, 47.1387, -139.7798



191.3620, 31.3735, 17.2225



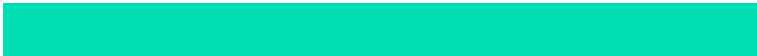
173.1650, -26.7033, 71.7693

Rectangle

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



175.5880, -49.0969, -25.9487



151.4210, 14.0894, -132.7962



191.3620, 31.3735, 17.2225



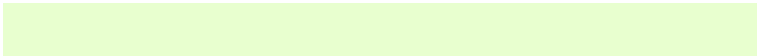
176.5120, 14.0446, 68.8340

Sweetspot

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



175.5880, -49.0969, -25.9487



242.6510, -17.5759, -9.3409



153.0470, -37.9842, 49.9478



120.0950, -10.8928, -6.2223



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



175.5880, -49.0969, -25.9487



204.5500, -71.7562, -38.1934



155.8540, -39.3680, -66.5240



102.2510, -4.0677, -1.9741



124.9280, -61.5895, -32.3859



30.3460, -14.9606, -8.1964

Inverse Universe

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



110.4120, 49.0969, 25.9487



109.1510, 71.9036, 37.5786



130.1460, 39.3680, 66.5240



96.7490, 4.0677, 1.9741



43.0720, 61.5895, 32.3859



10.3550, 15.1080, 7.5817

Previews

White Background



This preview shows how the YUV color 175.5880, -49.0969, -25.9487 looks on a white 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

Black Background



This preview shows how the YUV color 175.5880, -49.0969, -25.9487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

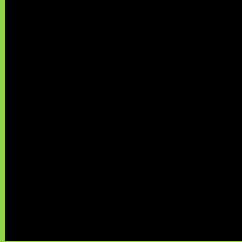
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.5880, -49.0969, -25.9487 Background



This preview shows how black text looks on a background with the YUV color 175.5880, -49.0969, -25.9487.



This preview shows how white text looks on a background with the YUV color 175.5880, -49.0969, -25.9487.

-25.9487.

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

175.5880, -49.0969, -25.9487

Protanopia

184.7840, -56.0955, 25.6224

Deuteranopia

187.3870, -50.4768, 43.5106



Tritanopia

189.1420, 11.2690, -21.1725

Trichromacy



Original Color

175.5880, -49.0969, -25.9487

Protanomaly

181.6460, -53.5625, 6.4495

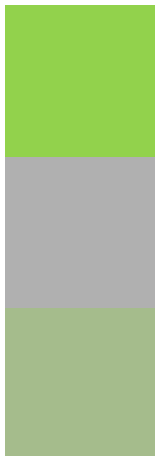
Deuteranomaly

183.0480, -49.8167, 18.3749

Tritanomaly

184.3980, -10.5492, -23.1510

Monochromacy



Original Color

175.5880, -49.0969, -25.9487

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.6510, -17.5759, -9.3409

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5880, -49.0969, -25.9487 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(146, 210, 76)` looks like.

```
.text, #text, p{  
    color:rgb(146, 210, 76)  
}
```

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(146, 210, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 210, 76) }
```

Border

The CSS property to change the border of an element to YUV 175.5880, -49.0969, -25.9487 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(146, 210, 76) }
```


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

```
.border{ border-color:rgb(146, 210, 76) }
```

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

Here you see how a box with a 4 pixel rgb(146, 210, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 210, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 210, 76);  
box-shadow:4px 4px 4px 4px rgb(146, 210,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 175.5880, -49.0969, -25.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 210, 76) }
```

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

```
.background{ background-color: rgb(146,  
210, 76) }
```

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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