

Converting Colors

YUV(165.3520, -41.0925,
-26.6187)

Have a look what the booklet for
YUV(165.3520, -41.0925, -26.6187)
contains.

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Color

**YUV(165.3520, -41.0925,
-26.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	87C552
RGB	135, 197, 82
RGB Percent	53%, 77%, 32%
CMY	0.4706, 0.2275, 0.6784
CMYK	0.31, 0.00, 0.58, 0.23
HSL	92°, 50%, 55%
HSV	92°, 58%, 77%
XYZ	31.4809, 45.6926, 15.1430
YIQ	165.3520, -0.0370, -48.9090

Conversions

Conversions Part 2

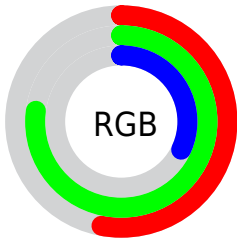
Format	Color
R_{YB}	82, 197, 144
Decimal	8897874
CIE _{Lab}	73.35, -39.17, 50.42
CIE _{LCh}	73, 63.847, 127.838
Yxy	45.6926, 0.3410, 0.4950
Android (android.graphics.Color)	4287087954 (0xFF87C552)
YUV	165.3520, -41.0925, -26.6187
Hunter-Lab	67.5963, -35.1626, 34.0352

Details

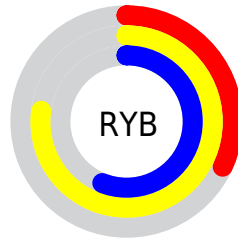
The YUV color **165.3520, -41.0925, -26.6187** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **113.6480, 41.0925, 26.6187**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5970, -42.6923, -26.8336**, and **111.0530, -40.9451, -27.2335** is the 20% darker color. If you saturate the color by 10%, you get **159.7830, -48.2070, -31.3817**, and if you desaturate by 10%, it is **170.9210, -33.9781, -21.8557**.

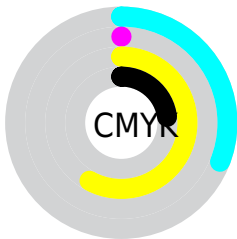
Distribution



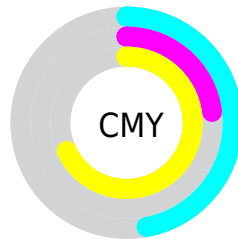
- Red (53%)
- Green (77%)
- Blue (32%)



- Red (32%)
- Yellow (77%)
- Blue (56%)



- Cyan (31%)
- Magenta (0%)
- Yellow (58%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3520, -41.0925, -26.6187 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 165.3520, -41.0925, -26.6187 by changing the saturation by 10% instead.

■ 165.3520,
-41.0925, -26.6187

■ 165.3520,
-41.0925, -26.6187

■ 255.0000, 0.0000,
0.0000

■ 137.8790,
-40.3663, -26.2039

■ 221.5970,
-42.6923, -26.8336

■ 111.0530,
-40.9451, -27.2335

■ 233.9330,
-35.4630, -12.2192

■ 84.5260, -41.6713,
-27.6483

■ 246.0950,
-27.6548, 3.4247

■ 60.5820, -29.8669,
-33.8364

■ 250.8960,
-15.7247, 3.5992

■ 39.3290, -19.3892,
-34.4915

■ 254.2020, -3.0576,
0.6998

■ 26.4150, -13.0226,
-23.1660

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 165.3520,
-41.0925, -26.6187

■ 165.3520,
-41.0925, -26.6187

■ 159.7830,
-48.2070, -31.3817

■ 170.9210,
-33.9781, -21.8557

■ 154.6270,
-55.0321, -35.6299

■ 176.0770,
-27.1530, -17.6075

■ 149.0580,
-62.1466, -40.3929

■ 181.6460,
-20.0385, -12.8445

■ 143.7880,
-69.4085, -44.5411

■ 186.9160,
-12.7766, -8.6963

■ 142.8480,
-70.4241, -45.4707

■ 192.4850, -5.6621,
-3.9333

■ 197.9400, 1.0156,
0.9296

■ 203.2100, 8.2775,
5.0778

■ 208.7790, 15.3920,
9.8408

■ 213.7780, 20.3224,
15.1037

Harmonies

Analogous

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



171.8930, -58.1212, 22.0188



165.3520, -41.0925, -26.6187



138.2910, -2.1155, -115.1422

Triad

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



165.3520, -41.0925, -26.6187



145.2960, 54.0841, -127.4246



169.2450, -1.1068, 75.2071

Complementary

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



165.3520, -41.0925, -26.6187



113.6480, 41.0925, 26.6187

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.



181.2540, 22.0598, 64.6752



165.3520, -41.0925, -26.6187



163.4120, 45.1529, -62.6283

Square

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



165.3520, -41.0925, -26.6187



150.0090, 49.2956, -131.5579



182.5130, 35.7361, 17.9671



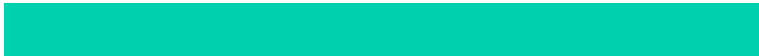
170.4920, -29.3296, 74.1135

Rectangle

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



165.3520, -41.0925, -26.6187



141.9320, 15.8095, -124.4744



182.5130, 35.7361, 17.9671



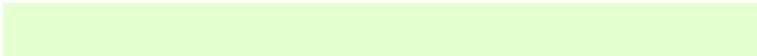
172.1120, 7.3398, 72.6928

Sweetspot

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



165.3520, -41.0925, -26.6187



242.2810, -16.4075, -10.7704



152.1920, -34.6047, 39.2966



119.9100, -10.3086, -6.9371



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.



165.3520, -41.0925, -26.6187



206.0040, -63.5990, -41.2225



149.9610, -31.5328, -59.6018



96.4790, -3.1941, -2.1741



118.1060, -58.2263, -37.8040



25.9160, -12.7766, -8.6963

Inverse Universe

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



113.6480, 41.0925, 26.6187



125.9960, 63.5990, 41.2225



129.0390, 31.5328, 59.6018



92.5210, 3.1941, 2.1741



44.8940, 58.2263, 37.8040



9.7850, 12.9240, 8.0816

Previews

White Background



This preview shows how the YUV color 165.3520, -41.0925, -26.6187 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 165.3520, -41.0925, -26.6187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

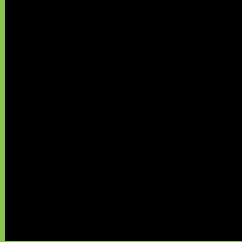
Any Text WCAG AA ✓ Pass

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 165.3520, -41.0925, -26.6187 Background



This preview shows how black text looks on a background with the YUV color 165.3520, -41.0925, -26.6187.



This preview shows how white text looks on a background with the YUV color 165.3520, -41.0925, -26.6187.

-26.6187.

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

165.3520, -41.0925, -26.6187

Protanopia

173.9390, -47.7909, 21.9785

Deuteranopia

176.6020, -43.1878, 38.9370



Tritanopia

176.8430, 11.4164, -21.7873

Trichromacy



Original Color

165.3520, -41.0925, -26.6187

Protanomaly

170.8120, -45.2633, 4.5499

Deuteranomaly

172.2740, -42.5331, 15.5457

Tritanomaly

172.4950, -7.6390, -23.2361

Monochromacy



Original Color

165.3520, -41.0925, -26.6187

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3350, -14.9552, -9.9408

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3520, -41.0925, -26.6187 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(135, 197, 82)` looks like.

```
.text, #text, p{  
    color:rgb(135, 197, 82)  
}
```

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(135, 197, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 197, 82) }
```

Border

The CSS property to change the border of an element to YUV 165.3520, -41.0925, -26.6187 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(135, 197, 82) }
```


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

```
.border{ border-color:rgb(135, 197, 82) }
```

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

Here you see how a box with a 4 pixel rgb(135, 197, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 197, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 197, 82);  
box-shadow:4px 4px 4px 4px rgb(135, 197,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 165.3520, -41.0925, -26.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 197, 82) }
```

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

```
.background{ background-color: rgb(135,  
197, 82) }
```

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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