

Converting Colors

YUV(176.1420, -25.7060,
-15.0335)

Have a look what the booklet for
YUV(176.1420, -25.7060, -15.0335)
contains.

YUV(176.1420, -25.7060, -15.0335)	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(176.1420, -25.7060,
-15.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC37C
RGB	159, 195, 124
RGB Percent	62%, 76%, 49%
CMY	0.3765, 0.2353, 0.5137
CMYK	0.18, 0.00, 0.36, 0.24
HSL	90°, 37%, 63%
HSV	90°, 36%, 76%
XYZ	37.4513, 47.8564, 26.3321
YIQ	176.1420, 1.3350, -29.7130

Conversions

Conversions Part 2

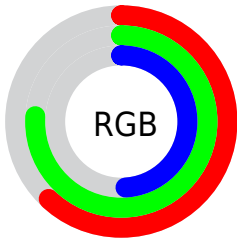
Format	Color
RYB	124, 195, 160
Decimal	10470268
CIELab	74.73, -24.54, 31.83
CIELCh	75, 40.191, 127.623
Yxy	47.8564, 0.3355, 0.4287
Android (android.graphics.Color)	4288660348 (0xFF9FC37C)
YUV	176.1420, -25.7060, -15.0335
Hunter-Lab	69.1783, -24.4269, 25.8566

Details

The YUV color **176.1420, -25.7060, -15.0335** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **142.8580, 25.7060, 15.0335**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3870, -27.3058, -15.2484**, and **122.8970, -24.1062, -14.8187** is the 20% darker color. If you saturate the color by 10%, you get **170.9860, -32.5311, -19.2817**, and if you desaturate by 10%, it is **181.4120, -18.4441, -10.8853**.

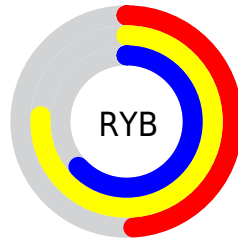
Distribution



Red (62%)

Green (76%)

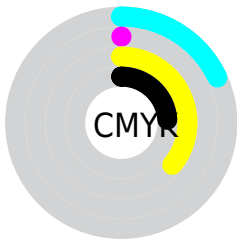
Blue (49%)



Red (49%)

Yellow (76%)

Blue (63%)

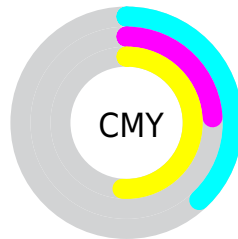


Cyan (18%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (38%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1420, -25.7060, -15.0335 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 176.1420, -25.7060, -15.0335 by changing the saturation by 10% instead.

■ 176.1420,
-25.7060, -15.0335

■ 176.1420,
-25.7060, -15.0335

255.0000, 0.0000,
0.0000

■ 149.3700,
-24.8324, -15.2335

■ 232.3870,
-27.3058, -15.2484

■ 122.8970,
-24.1062, -14.8187

■ 245.7120,
-20.0710, -2.3784

■ 97.4240, -23.3800,
-14.4038

■ 252.4920, -9.6096,
2.1995

■ 73.2390, -22.7958,
-15.1186

■ 49.1250, -23.2326,
-15.0186

■ 28.2200, -13.9125,
-17.7329

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 176.1420,
-25.7060, -15.0335

■ 176.1420,
-25.7060, -15.0335

■ 170.9860,
-32.5311, -19.2817

■ 181.4120,
-18.4441, -10.8853

■ 165.7160,
-39.7930, -23.4299

■ 186.5680,
-11.6190, -6.6371

■ 160.5600,
-46.6181, -27.6781

■ 191.8380, -4.3571,
-2.4889

■ 155.2900,
-53.8800, -31.8263

■ 196.9940, 2.4680,
1.7593

■ 150.3190,
-61.2893, -35.3598

■ 201.8510, 9.4405,
5.3927

■ 145.1630,
-68.1144, -39.6080

■ 207.1210, 16.7023,
9.5409

■ 143.1690,
-70.5823, -41.3672

■ 211.7070, 21.3434,
14.2890

■ 214.6970, 19.8694,
20.4367

■ 217.6870, 18.3953,
26.5845

Harmonies

Analogous

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



180.6360, -34.8235, 16.1052



176.1420, -25.7060, -15.0335



169.4440, -7.1209, -49.5014

Triad

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



176.1420, -25.7060, -15.0335



166.9990, 41.4125, -76.2981



187.2940, -5.5679, 59.3782

Complementary

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



176.1420, -25.7060, -15.0335



142.8580, 25.7060, 15.0335

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.



188.7770, 11.9419, 43.1686



176.1420, -25.7060, -15.0335



180.7320, 36.6141, -30.4600

Square

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



176.1420, -25.7060, -15.0335



149.0510, 38.9219, -117.5627



187.8790, 27.1747, 10.6301



185.3420, -21.8606, 58.4591

Rectangle

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



176.1420, -25.7060, -15.0335



163.3020, 8.2321, -73.9329



187.8790, 27.1747, 10.6301



187.7650, 0.1159, 56.3341

Sweetspot

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



176.1420, -25.7060, -15.0335



244.7360, -9.7298, -5.9075



165.7740, -20.5946, 25.6312



123.3710, -6.0989, -3.8334



0.0000, 0.0000, 0.0000



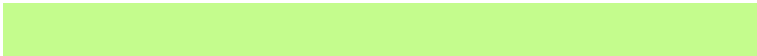
128.0000, 0.0000, 0.0000

Same Dimension

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



176.1420, -25.7060, -15.0335



222.6020, -40.2298, -23.3300



165.6770, -20.5468, -36.5507



94.3650, -3.6309, -2.0741



118.1280, -58.2371, -34.3153



24.1550, -11.9084, -7.1519

Inverse Universe

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



142.8580, 25.7060, 15.0335



170.6970, 40.0824, 23.9447



153.3230, 20.5468, 36.5507



89.6350, 3.6309, 2.0741



42.5730, 58.3845, 33.7005



8.8450, 11.9084, 7.1519

Previews

White Background



This preview shows how the YUV color 176.1420, -25.7060, -15.0335 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 176.1420, -25.7060, -15.0335 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 176.1420, -25.7060, -15.0335 Background



This preview shows how black text looks on a background with the YUV color 176.1420, -25.7060, -15.0335.



This preview shows how white text looks on a background with the YUV color 176.1420, -25.7060, -15.0335.

-15.0335.

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

176.1420, -25.7060, -15.0335

Protanopia

180.4880, -30.3136, 16.2350

Deuteranopia

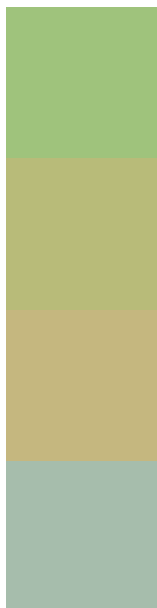
183.3850, -27.3048, 31.2344



Tritanopia

182.8120, 8.4737, -11.2361

Trichromacy



Original Color

176.1420, -25.7060, -15.0335

Protanomaly

178.5790, -28.3864, 4.7542

Deuteranomaly

180.8020, -26.5244, 14.2056

Tritanomaly

180.1850, -4.0352, -12.4402

Monochromacy



Original Color

176.1420, -25.7060, -15.0335

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1420, -25.7060, -15.0335 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(159, 195, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 195, 124)  
}
```

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(159, 195, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 195, 124) }
```

Border

The CSS property to change the border of an element to YUV 176.1420, -25.7060, -15.0335 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(159, 195, 124) }
```


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

```
.border{ border-color:rgb(159, 195, 124) }
```

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

Here you see how a box with a 4 pixel rgb(159, 195, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 195, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 195, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 195,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 176.1420, -25.7060, -15.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 195, 124) }
```

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

```
.background{ background-color: rgb(159,  
195, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor