

Converting Colors

YUV(170.2780, -25.2801,
-11.6448)

Have a look what the booklet for
YUV(170.2780, -25.2801, -11.6448)
contains.

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Color

**YUV(170.2780, -25.2801,
-11.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBB77
RGB	157, 187, 119
RGB Percent	62%, 73%, 47%
CMY	0.3843, 0.2667, 0.5333
CMYK	0.16, 0.00, 0.36, 0.27
HSL	86°, 33%, 60%
HSV	86°, 36%, 73%
XYZ	35.0047, 44.0407, 24.1085
YIQ	170.2780, 3.9480, -27.5080

Conversions

Conversions Part 2

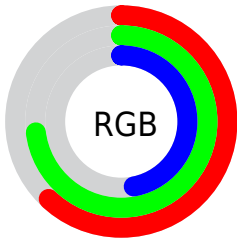
Format	Color
RYB	119, 187, 149
Decimal	10337143
CIELab	72.26, -22.01, 31.17
CIELCh	72, 38.160, 125.232
Yxy	44.0407, 0.3393, 0.4269
Android (android.graphics.Color)	4288527223 (0xFF9DBB77)
YUV	170.2780, -25.2801, -11.6448
Hunter-Lab	66.3631, -21.9817, 24.9152

Details

The YUV color **170.2780, -25.2801, -11.6448** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **135.7220, 25.2801, 11.6448**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6370, -26.4430, -11.9596**, and **117.6200, -23.9697, -11.9447** is the 20% darker color. If you saturate the color by 10%, you get **165.7200, -32.4000, -14.6634**, and if you desaturate by 10%, it is **174.8360, -18.1601, -8.6262**.

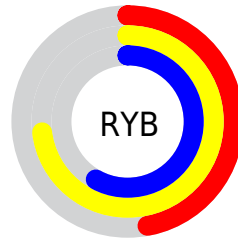
Distribution



Red (62%)

Green (73%)

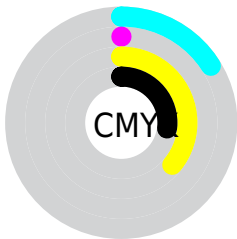
Blue (47%)



Red (47%)

Yellow (73%)

Blue (58%)

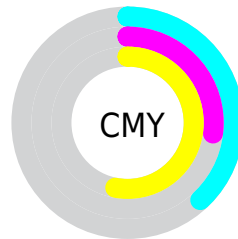


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (38%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2780, -25.2801, -11.6448 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 170.2780, -25.2801, -11.6448 by changing the saturation by 10% instead.

■ 170.2780,
-25.2801, -11.6448

■ 170.2780,
-25.2801, -11.6448

255.0000, 0.0000,
0.0000

■ 143.5060,
-24.4065, -11.8448

■ 225.6370,
-26.4430, -11.9596

■ 117.6200,
-23.9697, -11.9447

■ 244.4300,
-22.3970, -3.0081

■ 92.2610, -22.8067,
-11.6299

■ 251.9220,
-11.7935, 2.6994

■ 68.3750, -22.3699,
-11.7299

■ 45.3750, -22.3699,
-11.7299

■ 24.3990, -12.0287,
-15.2589

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 170.2780,
-25.2801, -11.6448

■ 170.2780,
-25.2801, -11.6448

■ 165.7200,
-32.4000, -14.6634

■ 174.8360,
-18.1601, -8.6262

■ 161.2760,
-39.0831, -17.7821

■ 179.5790,
-11.6244, -4.8928

■ 156.4190,
-46.0556, -21.4155

■ 184.1370, -4.5045,
-1.8741

■ 151.8610,
-53.1755, -24.4341

■ 188.6950, 2.6154,
1.1445

■ 147.3030,
-60.2954, -27.4527

■ 193.2530, 9.7353,
4.1631

■ 142.8590,
-66.9785, -30.5713

■ 197.6970, 16.4184,
7.2817

■ 141.1640,
-69.5939, -31.7158

■ 202.5540, 23.3909,
10.9151

■ 205.5160, 24.3956,
15.3335

■ 207.9080, 23.2164,
20.2517

Harmonies

Analogous

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



174.1030, -33.0818, 17.4497



170.2780, -25.2801, -11.6448



164.4340, -8.5950, -43.3536

Triad

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



170.2780, -25.2801, -11.6448



161.0270, 38.9337, -74.5687



180.6140, -4.2467, 55.5895

Complementary

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



170.2780, -25.2801, -11.6448



135.7220, 25.2801, 11.6448

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.



182.1570, 12.2476, 38.4503



170.2780, -25.2801, -11.6448



174.0800, 35.4566, -32.5192

Square

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



170.2780, -25.2801, -11.6448



147.7710, 33.6369, -102.4082



180.6290, 26.3119, 7.3414



178.6020, -19.5238, 55.6000

Rectangle

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



170.2780, -25.2801, -11.6448



159.2490, 5.3002, -66.8704



180.6290, 26.3119, 7.3414



181.3730, 1.2951, 51.4159

Sweetspot

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



170.2780, -25.2801, -11.6448



235.4480, -9.5879, -4.7779



156.3550, -18.4160, 26.8757



118.0830, -5.9569, -2.7038



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



170.2780, -25.2801, -11.6448



215.8630, -39.3725, -18.2969



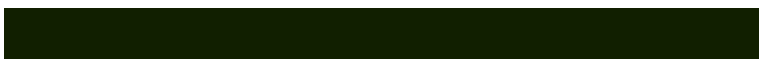
160.4110, -20.4156, -31.9324



91.7780, -3.3416, -1.5593



119.0580, -58.6956, -27.2379



23.2800, -11.4770, -5.5076

Inverse Universe

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



135.7220, 25.2801, 11.6448



162.1370, 39.3725, 18.2969



145.5890, 20.4156, 31.9324



87.2220, 3.3416, 1.5593



38.9420, 58.6956, 27.2379



7.4210, 11.6244, 4.8928

Previews

White Background



This preview shows how the YUV color 170.2780, -25.2801, -11.6448 looks on a white background.

Color Contrast Check

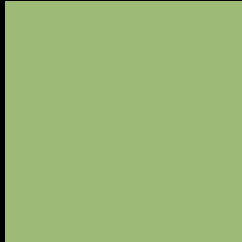
Large Text (above 18pt) WCAG AA × Fail

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 170.2780, -25.2801, -11.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

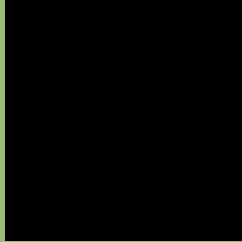
Any Text WCAG AA ✓ Pass

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 170.2780, -25.2801, -11.6448 Background



This preview shows how black text looks on a background with the YUV color 170.2780, -25.2801, -11.6448.



This preview shows how white text looks on a background with the YUV color 170.2780, -25.2801, -11.6448.

-11.6448.

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

170.2780, -25.2801, -11.6448

Protanopia

174.4170, -29.2926, 15.4203

Deuteranopia

176.3140, -26.2838, 30.4196



Tritanopia

176.3070, 7.7366, -8.1622

Trichromacy



Original Color

170.2780, -25.2801, -11.6448

Protanomaly

172.9920, -28.0971, 5.2690

Deuteranomaly

174.3290, -25.7982, 14.6205

Tritanomaly

173.7940, -4.3354, -9.4663

Monochromacy



Original Color

170.2780, -25.2801, -11.6448

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8610, -9.2985, -4.2631

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2780, -25.2801, -11.6448 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(157, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(157, 187, 119)  
}
```

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(157, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 187, 119) }
```

Border

The CSS property to change the border of an element to YUV 170.2780, -25.2801, -11.6448 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(157, 187, 119) }
```


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

```
.border{ border-color:rgb(157, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(157, 187,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 170.2780, -25.2801, -11.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 187, 119) }
```

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

```
.background{ background-color: rgb(157,  
187, 119) }
```

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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