

Converting Colors

YUV(185.2510, -24.7737,
-80.9041)

Have a look what the booklet for
YUV(185.2510, -24.7737, -80.9041)
contains.

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Color

**YUV(185.2510, -24.7737,
-80.9041)**

Conversions

Conversions Part 1

Format	Color
Hex	5DF287
RGB	93, 242, 135
RGB Percent	36%, 95%, 53%
CMY	0.6353, 0.0510, 0.4706
CMYK	0.62, 0.00, 0.44, 0.05
HSL	137°, 85%, 66%
HSV	137°, 62%, 95%
XYZ	40.6395, 67.5807, 33.8241
YIQ	185.2510, -54.4570, -64.8650

Conversions

Conversions Part 2

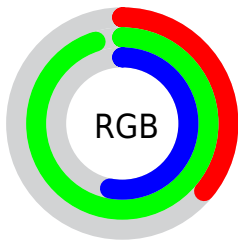
Format	Color
R_{YB}	93, 209, 242
Decimal	6156935
CIE _{Lab}	85.80, -62.10, 40.06
CIE _{LCh}	86, 73.897, 147.174
Yxy	67.5807, 0.2861, 0.4758
Android (android.graphics.Color)	4284347015 (0xFF5DF287)
YUV	185.2510, -24.7737, -80.9041
Hunter-Lab	82.2075, -55.6211, 33.1505

Details

The YUV color **185.2510, -24.7737, -80.9041** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **149.7490, 24.7737, 80.9041**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8750, -14.2354, -54.2644**, and **118.0570, -17.2831, -103.5360** is the 20% darker color. If you saturate the color by 10%, you get **176.1370, -28.6615, -93.9591**, and if you desaturate by 10%, it is **194.3650, -20.8859, -67.8491**.

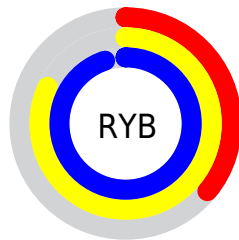
Distribution



Red (36%)

Green (95%)

Blue (53%)



Red (36%)

Yellow (82%)

Blue (95%)

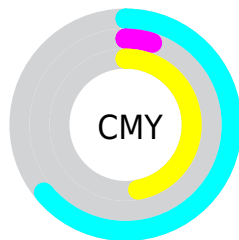


Cyan (62%)

Magenta (0%)

Yellow (44%)

Black (5%)



Cyan (64%)

Magenta (5%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.2510, -24.7737, -80.9041 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 185.2510, -24.7737, -80.9041 by changing the saturation by 10% instead.

185.2510,
-24.7737, -80.9041

185.2510,
-24.7737, -80.9041

255.0000, 0.0000,
0.0000

154.5000,
-22.4315, -85.5075

217.8750,
-14.2354, -54.2644

118.0570,
-17.2831, -103.5360

230.1510, -5.9904,
-38.7204

98.7710, -20.1001,
-86.6222

242.7260, 2.1071,
-22.5617

80.0720, -23.2065,
-70.2231

252.6080, 1.1793,
-4.9182

60.8030, -28.4969,
-53.3242

45.7860, -22.5725,
-40.1543

31.6980, -15.6271,

-27.7991

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 185.2510,
-24.7737, -80.9041

■ 185.2510,
-24.7737, -80.9041

■ 176.1370,
-28.6615, -93.9591

■ 194.3650,
-20.8859, -67.8491

■ 166.9090,
-32.9861, -106.9142

■ 203.5930,
-16.5613, -54.8941

■ 157.4960,
-36.7265, -120.5840

■ 213.0060,
-12.8210, -41.2243

■ 149.8060,
-40.3304, -131.3799

■ 222.2340, -8.4964,
-28.2692

 231.3480, -4.6086,
-15.2142

 240.4620, -0.7208,
-2.1592

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



200.0540, -59.1866, -9.6944



185.2510, -24.7737, -80.9041



168.9460, 17.7746, -148.1656

Triad

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



185.2510, -24.7737, -80.9041



160.5580, 46.5599, -140.8094



186.0740, -15.3195, 60.4481

Complementary

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



185.2510, -24.7737, -80.9041



149.7490, 24.7737, 80.9041

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.



190.4180, 16.5559, 56.6384



185.2510, -24.7737, -80.9041



207.1780, 23.5762, -1.9101

Square

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



185.2510, -24.7737, -80.9041



170.5370, 41.6403, -149.5609



204.5180, 24.8876, 44.2727



194.1370, -47.8885, 53.3769

Rectangle

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



185.2510, -24.7737, -80.9041



175.1190, 38.8883, -153.5794



204.5180, 24.8876, 44.2727



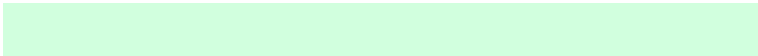
185.6470, -4.2630, 60.8226

Sweetspot

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



185.2510, -24.7737, -80.9041



237.4840, -7.6336, -24.9805



213.0540, -59.1866, -9.6944



116.9350, -4.8980, -15.7290



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.



185.2510, -24.7737, -80.9041



182.9850, -31.5446, -102.5958



193.4590, 6.6757, -88.1025



115.3860, -2.1623, -6.4775



113.9360, -30.5344, -99.9219



34.6960, -9.2171, -30.4284

Inverse Universe

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



149.7490, 24.7737, 80.9041



138.0150, 31.5446, 102.5958



141.5410, -6.6757, 88.1025



112.5000, 1.7255, 6.5775



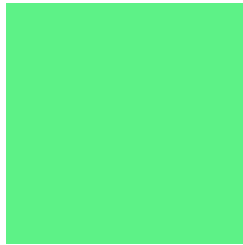
70.0640, 30.5344, 99.9219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 185.2510, -24.7737, -80.9041 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 185.2510, -24.7737, -80.9041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

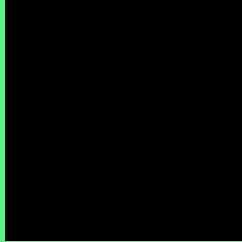
Any Text WCAG AA ✓ Pass

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 185.2510, -24.7737, -80.9041 Background



This preview shows how black text looks on a background with the YUV color 185.2510, -24.7737, -80.9041.



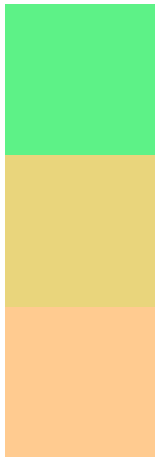
This preview shows how white text looks on a background with the YUV color 185.2510, -24.7737, -80.9041.

-80.9041.

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

185.2510, -24.7737, -80.9041

Protanopia

208.8340, -41.8232, 21.1936

Deuteranopia

211.8220, -33.4362, 37.8671



Tritanopia

200.0700, 23.6295, -65.8364

Trichromacy



Original Color

185.2510, -24.7737, -80.9041



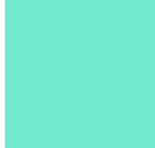
Protanomaly

200.4980, -35.7415, -16.2227



Deuteranomaly

202.0570, -30.1011, -5.3120



Tritanomaly

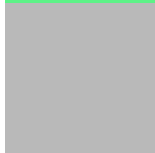
194.7430, 6.0427, -71.6886

Monochromacy



Original Color

185.2510, -24.7737, -80.9041



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.4080, -9.0751, -29.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.2510, -24.7737, -80.9041 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(93, 242, 135)` looks like.

```
.text, #text, p{  
    color:rgb(93, 242, 135)  
}
```

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(93, 242, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 242, 135) }
```

Border

The CSS property to change the border of an element to YUV 185.2510, -24.7737, -80.9041 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(93, 242, 135) }
```


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

```
.border{ border-color:rgb(93, 242, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 242, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 242, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 242, 135);  
box-shadow:4px 4px 4px 4px rgb(93, 242,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 185.2510, -24.7737, -80.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 242, 135) }
```

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

```
.background{ background-color: rgb(93, 242,  
135) }
```

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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