

Converting Colors

YUV(135.7830, -11.2320,
-37.5207)

Have a look what the booklet for
YUV(135.7830, -11.2320, -37.5207)
contains.

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Color

**YUV(135.7830, -11.2320,
-37.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA271
RGB	93, 162, 113
RGB Percent	36%, 64%, 44%
CMY	0.6353, 0.3647, 0.5569
CMYK	0.43, 0.00, 0.30, 0.36
HSL	137°, 27%, 50%
HSV	137°, 43%, 64%
XYZ	20.4152, 29.3601, 20.2139
YIQ	135.7830, -25.3950, -29.8670

Conversions

Conversions Part 2

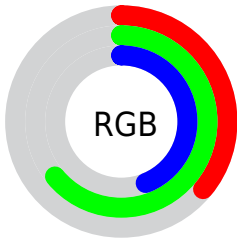
Format	Color
R_{YB}	93, 146, 162
Decimal	6136433
CIE _{Lab}	61.10, -32.88, 18.83
CIE _{LCh}	61, 37.893, 150.195
Yxy	29.3601, 0.2917, 0.4195
Android (android.graphics.Color)	4284326513 (0xFF5DA271)
YUV	135.7830, -11.2320, -37.5207
Hunter-Lab	54.1849, -27.5705, 15.8111

Details

The YUV color $135.7830, -11.2320, -37.5207$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $119.2170, 11.2320, 37.5207$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8430, -12.2476, -38.4503$, and $83.9400, -9.3374, -38.5354$ is the 20% darker color. If you saturate the color by 10%, you get $129.6310, -14.1151, -46.1574$, and if you desaturate by 10%, it is $141.9350, -8.3490, -28.8840$.

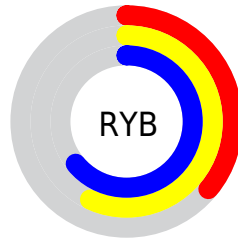
Distribution



Red (36%)

Green (64%)

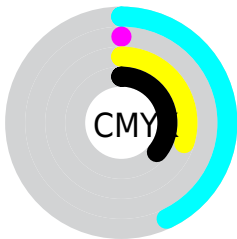
Blue (44%)



Red (36%)

Yellow (57%)

Blue (64%)

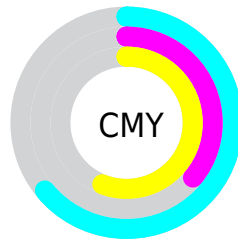


Cyan (43%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7830, -11.2320, -37.5207 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 135.7830, -11.2320, -37.5207 by changing the saturation by 10% instead.

■ 135.7830,
-11.2320, -37.5207

■ 135.7830,
-11.2320, -37.5207

■ 255.0000, 0.0000,
0.0000

■ 109.3100,
-10.5058, -37.1059

■ 189.8430,
-12.2476, -38.4503

■ 83.9400, -9.3374,
-38.5354

■ 218.3160,
-12.9738, -38.8651

■ 56.7760, -7.2846,
-43.6536

■ 235.1630, -7.4754,
-29.0840

■ 38.2010, -8.4801,
-33.5023

■ 247.1400, 0.9170,
-14.1548

■ 22.8930, -11.2862,
-20.0772

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,

0.0000

■ 135.7830,
-11.2320, -37.5207

■ 135.7830,
-11.2320, -37.5207

■ 129.6310,
-14.1151, -46.1574

■ 141.9350, -8.3490,
-28.8840

■ 123.5930,
-16.5613, -54.8941

■ 147.9730, -5.9027,
-20.1473

■ 117.1420,
-19.2970, -64.1455

■ 154.4240, -3.1670,
-10.8958

■ 111.1040,
-21.7433, -72.8822

■ 160.4620, -0.7208,
-2.1592

■ 104.9520,
-24.6263, -81.5189

■ 166.6140, 2.1623,
6.4775

■ 100.4520,
-26.3518, -88.0964

■ 172.6520, 4.6086,
15.2142

■ 178.8040, 7.4916,
23.8509

■ 185.1410, 9.7905,
33.2023

■ 191.2930, 12.6736,
41.8390

Harmonies

Analogous

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



141.0830, -26.1699, -6.2118



135.7830, -11.2320, -37.5207



124.3770, 11.1531, -77.5066

Triad

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



135.7830, -11.2320, -37.5207



141.7370, 35.6257, -40.1113



148.8020, -16.1714, 53.6706

Complementary

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



135.7830, -11.2320, -37.5207



119.2170, 11.2320, 37.5207

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.



150.5040, -0.7415, 51.3010



135.7830, -11.2320, -37.5207



150.1120, 27.0598, 0.7788

Square

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



135.7830, -11.2320, -37.5207



117.2900, 43.2410, -102.8633



151.6940, 14.4479, 32.7174



147.2230, -28.2109, 41.9004

Rectangle

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



135.7830, -11.2320, -37.5207



116.1210, 26.0693, -101.8381



151.6940, 14.4479, 32.7174



149.3660, -11.5194, 54.9300

Sweetspot

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



135.7830, -11.2320, -37.5207



201.3480, -4.6086, -15.2142



148.1540, -27.1909, -5.3971



100.5490, -2.7357, -9.2515



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



135.7830, -11.2320, -37.5207



170.9300, -17.7135, -58.6976



139.6590, 3.6191, -40.9199



78.6250, -1.2941, -4.9331



89.9030, -23.6162, -78.8449



11.1360, -3.0250, -9.7663

Inverse Universe

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



119.2170, 11.2320, 37.5207



144.9560, 17.2767, 58.7976



115.3410, -3.6191, 40.9199



76.3750, 1.2941, 4.9331



55.0970, 23.6162, 78.8449



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 135.7830, -11.2320, -37.5207 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7830, -11.2320, -37.5207 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 × Fail

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

YUV 135.7830, -11.2320, -37.5207 Background



This preview shows how black text looks on a background with the YUV color 135.7830, -11.2320, -37.5207.



This preview shows how white text looks on a background with the YUV color 135.7830, -11.2320, -37.5207.

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

135.7830, -11.2320, -37.5207

Protanopia

145.6150, -19.5302, 10.8616

Deuteranopia

147.3480, -14.4686, 20.7428



Tritanopia

141.5320, 13.0487, -32.0386

Trichromacy



Original Color

135.7830, -11.2320, -37.5207

Protanomaly

141.7160, -16.1290, -6.7669

Deuteranomaly

143.4440, -13.5299, -0.3894

Tritanomaly

139.8170, 4.0342, -34.0425

Monochromacy



Original Color

135.7830, -11.2320, -37.5207

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.5870, -3.7404, -13.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7830, -11.2320, -37.5207 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, 162, 113)` looks like.

```
.text, #text, p{  
    color:rgb(93, 162, 113)  
}
```

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, 162, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 162, 113) }
```

Border

The CSS property to change the border of an element to YUV 135.7830, -11.2320, -37.5207 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, 162, 113) }
```


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

```
.border{ border-color:rgb(93, 162, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 162, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 162, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 162, 113);  
box-shadow:4px 4px 4px 4px rgb(93, 162,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 135.7830, -11.2320, -37.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 162, 113) }
```

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

```
.background{ background-color: rgb(93, 162,  
113) }
```

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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