

Converting Colors

YUV(135.2460, -23.7853,
-71.2527)

Have a look what the booklet for
YUV(135.2460, -23.7853, -71.2527)
contains.

YUV(135.2460, -23.7853, -71.2527)	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(135.2460, -23.7853,
-71.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	36BA57
RGB	54, 186, 87
RGB Percent	21%, 73%, 34%
CMY	0.7882, 0.2706, 0.6588
CMYK	0.71, 0.00, 0.53, 0.27
HSL	135°, 55%, 47%
HSV	135°, 71%, 73%
XYZ	20.8005, 36.5902, 14.9831
YIQ	135.2460, -46.8930, -58.7730

Conversions

Conversions Part 2

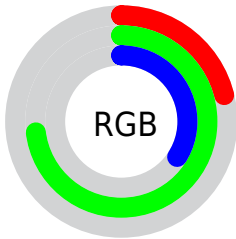
Format	Color
RYB	54, 160, 186
Decimal	3586647
CIELab	66.97, -56.31, 39.79
CIELCh	67, 68.953, 144.752
Yxy	36.5902, 0.2874, 0.5056
Android (android.graphics.Color)	4281776727 (0xFF36BA57)
YUV	135.2460, -23.7853, -71.2527
Hunter-Lab	60.4898, -44.4767, 27.6569

Details

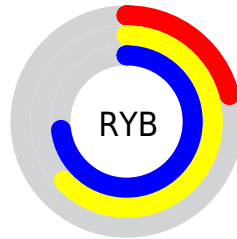
The YUV color **135.2460, -23.7853, -71.2527** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **104.7540, 23.7853, 71.2527**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7690, -27.0011, -66.4494**, and **81.1150, -21.7487, -71.1379** is the 20% darker color. If you saturate the color by 10%, you get **127.9690, -27.0997, -81.5338**, and if you desaturate by 10%, it is **142.5230, -20.4708, -60.9717**.

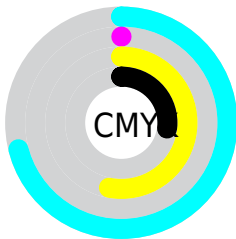
Distribution



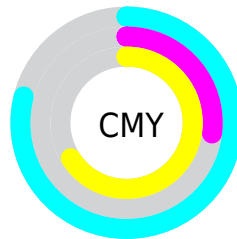
- Red (21%)
- Green (73%)
- Blue (34%)



- Red (21%)
- Yellow (63%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (53%)
- Black (27%)





- Cyan (79%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.2460, -23.7853, -71.2527 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 135.2460, -23.7853, -71.2527 by changing the saturation by 10% instead.


 135.2460,
-23.7853, -71.2527


 135.2460,
-23.7853, -71.2527


255.0000, 0.0000,
0.0000

 99.8140, -18.6423,
-87.5369


 193.7690,
-27.0011, -66.4494


 81.1150, -21.7487,
-71.1379


 212.8610,
-23.1025, -56.8831


 62.5470, -26.8917,
-54.8537


 224.7240,
-15.1469, -41.8539

 46.9600, -23.1513,
-41.1839

 236.8860, -7.3388,
-26.2100

 32.8720, -16.2059,
-28.8287

 249.1620, 0.9061,
-10.6661

 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,

0.0000

■ 135.2460,
-23.7853, -71.2527

■ 135.2460,
-23.7853, -71.2527

■ 127.9690,
-27.0997, -81.5338

■ 142.5230,
-20.4708, -60.9717

■ 120.9910,
-30.5616, -91.2001

■ 149.5010,
-17.0090, -51.3054

■ 114.5400,
-33.2972, -100.4516

■ 156.7780,
-13.6946, -41.0243

■ 163.7560,
-10.2327, -31.3580

■ 171.0330, -6.9183,
-21.0769

■ 178.3100, -3.6038,
-10.7959

■ 185.2880, -0.1420,
-1.1296

■ 192.5650, 3.1725,
9.1515

■ 199.5430, 6.6343,
18.8178

Harmonies

Analogous

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



149.5430, -57.4557, -4.8612



135.2460, -23.7853, -71.2527



129.2170, 10.2460, -113.3233

Triad

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



135.2460, -23.7853, -71.2527



130.6210, 61.3188, -114.5546



152.1640, -18.3219, 90.1872

Complementary

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



135.2460, -23.7853, -71.2527



104.7540, 23.7853, 71.2527

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.



156.8840, 9.9172, 86.0477



135.2460, -23.7853, -71.2527



160.1650, 46.7537, -15.9307

Square

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



135.2460, -23.7853, -71.2527



138.8390, 57.2674, -121.7618



166.9780, 34.0278, 52.6393



157.8890, -48.2593, 79.0273

Rectangle

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



135.2460, -23.7853, -71.2527



134.7060, 28.7389, -118.1372



166.9780, 34.0278, 52.6393



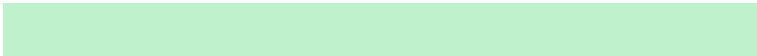
152.0960, -8.4283, 90.2468

Sweetspot

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



135.2460, -23.7853, -71.2527



222.4190, -9.0806, -27.5545



161.0850, -52.7929, -7.0905



110.4080, -5.6241, -16.1438



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.



135.2460, -23.7853, -71.2527



162.8500, -36.9011, -111.2475



142.7700, 5.0434, -77.8513



88.5110, -1.7309, -4.8331



96.0180, -28.1099, -84.2078



17.2340, -5.0454, -15.1142

Inverse Universe

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



104.7540, 23.7853, 71.2527



115.2640, 37.3378, 111.1475



97.2300, -5.0434, 77.8513



86.4890, 1.7309, 4.8331



59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 135.2460, -23.7853, -71.2527 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 135.2460, -23.7853, -71.2527 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 135.2460, -23.7853, -71.2527 Background



This preview shows how black text looks on a background with the YUV color 135.2460, -23.7853, -71.2527.



This preview shows how white text looks on a background with the YUV color 135.2460, -23.7853, -71.2527.

-71.2527.

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

135.2460, -23.7853, -71.2527

Protanopia

157.6210, -38.7602, 18.7494

Deuteranopia

159.8320, -31.9622, 31.7193



Tritanopia

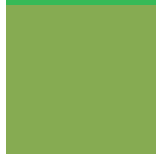
150.5830, 18.9396, -54.8853

Trichromacy



Original Color

135.2460, -23.7853, -71.2527



Protanomaly

149.7910, -33.4210, -13.8487



Deuteranomaly

150.9860, -29.0801, -6.1267



Tritanomaly

145.1250, 3.3894, -60.6226

Monochromacy



Original Color

135.2460, -23.7853, -71.2527



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.5440, -8.6492, -25.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2460, -23.7853, -71.2527 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(54, 186, 87)` looks like.

```
.text, #text, p{  
    color:rgb(54, 186, 87)  
}
```

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(54, 186, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 186, 87) }
```

Border

The CSS property to change the border of an element to YUV 135.2460, -23.7853, -71.2527 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(54, 186, 87) }
```


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

```
.border{ border-color:rgb(54, 186, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 186, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 186, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 186, 87);  
box-shadow:4px 4px 4px 4px rgb(54, 186,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 135.2460, -23.7853, -71.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 186, 87) }
```

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

```
.background{ background-color: rgb(54, 186,  
87) }
```

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