

Converting Colors

YUV(135.6100, -22.4857,
-68.0640)

Have a look what the booklet for
YUV(135.6100, -22.4857, -68.0640)
contains.

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Color

**YUV(135.6100, -22.4857,
-68.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	3AB85A
RGB	58, 184, 90
RGB Percent	23%, 72%, 35%
CMY	0.7725, 0.2784, 0.6471
CMYK	0.68, 0.00, 0.51, 0.28
HSL	135°, 52%, 47%
HSV	135°, 68%, 72%
XYZ	20.7309, 35.9187, 15.5132
YIQ	135.6100, -44.9220, -55.9460

Conversions

Conversions Part 2

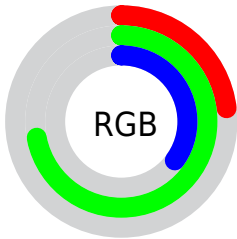
Format	Color
RYB	58, 158, 184
Decimal	3848282
CIELab	66.46, -54.45, 37.71
CIELCh	66, 66.231, 145.293
Yxy	35.9187, 0.2873, 0.4977
Android (android.graphics.Color)	4282038362 (0xFF3AB85A)
YUV	135.6100, -22.4857, -68.0640
Hunter-Lab	59.9322, -43.1373, 26.6056

Details

The YUV color **135.6100, -22.4857, -68.0640** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **106.3900, 22.4857, 68.0640**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5350, -25.4068, -64.4902**, and **80.8700, -20.1489, -70.9230** is the 20% darker color. If you saturate the color by 10%, you get **128.6320, -25.9476, -77.7303**, and if you desaturate by 10%, it is **142.5880, -19.0239, -58.3977**.

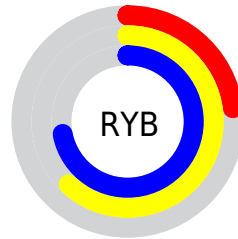
Distribution



Red (23%)

Green (72%)

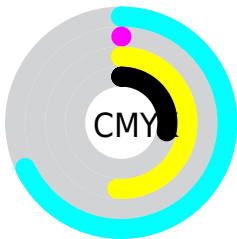
Blue (35%)



Red (23%)

Yellow (62%)

Blue (72%)

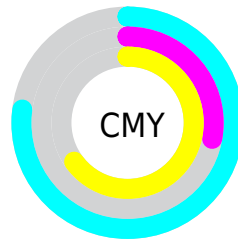


Cyan (68%)

Magenta (0%)

Yellow (51%)

Black (28%)



Cyan (77%)

Magenta (28%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6100, -22.4857, -68.0640 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 135.6100, -22.4857, -68.0640 by changing the saturation by 10% instead.

■ 135.6100,
-22.4857, -68.0640

■ 135.6100,
-22.4857, -68.0640

■ 255.0000, 0.0000,
0.0000

■ 101.6730,
-18.0798, -81.2742

■ 193.5350,
-25.4068, -64.4902

■ 80.8700, -20.1489,
-70.9230

■ 213.8010,
-22.0869, -55.9535

■ 62.6440, -23.9815,
-54.9388

■ 225.6640,
-14.1314, -40.9243

■ 45.7860, -22.5725,
-40.1543

■ 237.8260, -6.3232,
-25.2804

■ 31.6980, -15.6271,
-27.7991

■ 250.1020, 1.9217,
-9.7365

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 135.6100,
-22.4857, -68.0640

■ 135.6100,
-22.4857, -68.0640

■ 128.6320,
-25.9476, -77.7303

■ 142.5880,
-19.0239, -58.3977

■ 121.4690,
-28.8252, -88.1113

■ 149.7510,
-16.1462, -48.0166

■ 114.4910,
-32.2871, -97.7776

■ 156.7290,
-12.6844, -38.3503

■ 113.3660,
-32.7184, -99.4220

■ 164.0060, -9.3700,
-28.0693

■ 170.9840, -5.9081,
-18.4030

■ 177.8480, -2.8831,
-8.6367

■ 185.1250, 0.4314,
1.6444

■ 192.1030, 3.8932,
11.3107

■ 199.3800, 7.2077,
21.5917

Harmonies

Analogous

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



148.9820, -53.2351, -5.2462



135.6100, -22.4857, -68.0640



128.0430, 10.8248, -112.2937

Triad

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



135.6100, -22.4857, -68.0640



129.4470, 61.8976, -113.5250



153.2240, -19.3374, 89.2576

Complementary

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



135.6100, -22.4857, -68.0640



106.3900, 22.4857, 68.0640

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.



157.7160, 8.0280, 85.3181



135.6100, -22.4857, -68.0640



160.1760, 46.7482, -14.1864

Square

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



135.6100, -22.4857, -68.0640



137.0780, 58.1355, -120.2174



165.6960, 31.7019, 52.0096



157.3230, -46.5012, 75.1387

Rectangle

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



135.6100, -22.4857, -68.0640



133.3040, 28.4441, -116.9076



165.6960, 31.7019, 52.0096



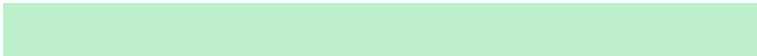
153.1560, -9.4439, 89.3172

Sweetspot

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



135.6100, -22.4857, -68.0640



220.4190, -9.0806, -27.5545



160.3670, -50.4669, -6.4609



108.4080, -5.6241, -16.1438



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



135.6100, -22.4857, -68.0640



164.3390, -35.1701, -106.4143



142.7920, 5.0325, -74.3626



88.5110, -1.7309, -4.8331



96.1320, -27.6731, -84.3078



17.2340, -5.0454, -15.1142

Inverse Universe

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



106.3900, 22.4857, 68.0640



118.6610, 35.1701, 106.4143



99.3220, -4.5957, 74.2626



86.3750, 1.2941, 4.9331



59.8680, 27.6731, 84.3078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 135.6100, -22.4857, -68.0640 looks on a white background.

Color Contrast Check

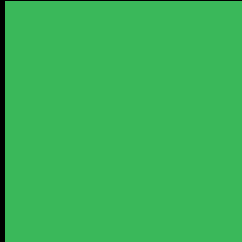
Large Text (above 18pt) WCAG AA × Fail

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 135.6100, -22.4857, -68.0640 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 135.6100, -22.4857, -68.0640 Background



This preview shows how black text looks on a background with the YUV color 135.6100, -22.4857, -68.0640.



This preview shows how white text looks on a background with the YUV color 135.6100, -22.4857, -68.0640.

-68.0640.

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

135.6100, -22.4857, -68.0640

Protanopia

156.1910, -36.5762, 18.2495

Deuteranopia

158.9890, -30.0676, 30.7046



Tritanopia

149.4800, 18.4974, -53.0410

Trichromacy



Original Color

135.6100, -22.4857, -68.0640

Protanomaly

148.9590, -31.5318, -13.1190

Deuteranomaly

150.4530, -27.3383, -4.7823

Tritanomaly

144.5490, 3.6733, -58.3635

Monochromacy



Original Color

135.6100, -22.4857, -68.0640

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6690, -8.2178, -24.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6100, -22.4857, -68.0640 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(58, 184, 90)` looks like.

```
.text, #text, p{  
    color:rgb(58, 184, 90)  
}
```

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(58, 184, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 184, 90) }
```

Border

The CSS property to change the border of an element to YUV 135.6100, -22.4857, -68.0640 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(58, 184, 90) }
```


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

```
.border{ border-color:rgb(58, 184, 90) }
```

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

Here you see how a box with a 4 pixel rgb(58, 184, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 184, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 184, 90);  
box-shadow:4px 4px 4px 4px rgb(58, 184,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 135.6100, -22.4857, -68.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 184, 90) }
```

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

```
.background{ background-color: rgb(58, 184,  
90) }
```

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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