

Converting Colors

YUV(134.9060, -41.3657,
-32.3666)

Have a look what the booklet for
YUV(134.9060, -41.3657, -32.3666)
contains.

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Color

**YUV(134.9060, -41.3657,
-32.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	62AA33
RGB	98, 170, 51
RGB Percent	38%, 67%, 20%
CMY	0.6157, 0.3333, 0.8000
CMYK	0.42, 0.00, 0.70, 0.33
HSL	96°, 54%, 43%
HSV	96°, 70%, 67%
XYZ	20.0093, 31.5851, 8.1739
YIQ	134.9060, -4.7130, -52.2730

Conversions

Conversions Part 2

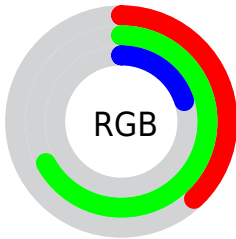
Format	Color
RYB	51, 170, 123
Decimal	6466099
CIELab	63.00, -43.07, 51.83
CIElCh	63, 67.393, 129.723
Yxy	31.5851, 0.3348, 0.5285
Android (android.graphics.Color)	4284656179 (0xFF62AA33)
YUV	134.9060, -41.3657, -32.3666
Hunter-Lab	56.2007, -34.7993, 30.7172

Details

The YUV color **134.9060, -41.3657, -32.3666** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **86.0940, 41.3657, 32.3666**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5640, -42.6761, -32.0666**, and **80.6390, -39.7550, -35.6404** is the 20% darker color. If you saturate the color by 10%, you get **129.9780, -47.3172, -36.8147**, and if you desaturate by 10%, it is **139.8340, -35.4142, -27.9184**.

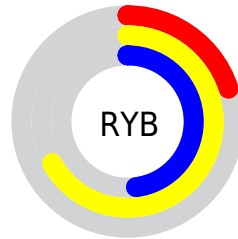
Distribution



Red (38%)

Green (67%)

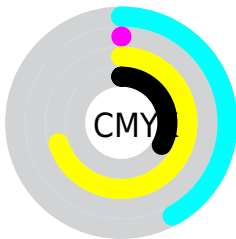
Blue (20%)



Red (20%)

Yellow (67%)

Blue (48%)

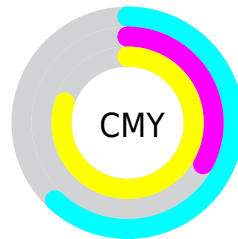


Cyan (42%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.9060, -41.3657, -32.3666 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 134.9060, -41.3657, -32.3666 by changing the saturation by 10% instead.

■ 134.9060,
-41.3657, -32.3666

■ 134.9060,
-41.3657, -32.3666

■ 255.0000, 0.0000,
0.0000

■ 107.2650,
-42.5286, -32.6814

■ 190.5640,
-42.6761, -32.0666

■ 80.6390, -39.7550,
-35.6404

■ 219.0370,
-43.4022, -32.4814

■ 54.0040, -26.6240,
-47.3615

■ 230.7860,
-35.8835, -17.3523

■ 39.3290, -19.3892,
-34.4915

■ 242.6490,
-27.9280, -2.3232

■ 26.4150, -13.0226,
-23.1660

■ 250.3260,
-17.9087, 4.0991

■ 10.5660, -5.2090,
-9.2664

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 134.9060,
-41.3657, -32.3666

■ 134.9060,
-41.3657, -32.3666

■ 129.9780,
-47.3172, -36.8147

■ 139.8340,
-35.4142, -27.9184

■ 124.7510,
-53.1212, -41.8776

■ 145.0610,
-29.6101, -22.8555

■ 119.8230,
-59.0727, -46.3258

■ 149.9890,
-23.6586, -18.4074

■ 154.9170,
-17.7071, -13.9592

■ 159.8450,
-11.7556, -9.5111

■ 165.0720, -5.9515,
-4.4481

■ 170.0000, 0.0000,
0.0000

■ 174.9280, 5.9515,
4.4481

■ 180.1550, 11.7556,
9.5111

Harmonies

Analogous

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



140.6080, -69.3197, 20.5148



134.9060, -41.3657, -32.3666



116.7980, -4.3374, -102.4318

Triad

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



134.9060, -41.3657, -32.3666



128.8600, 62.1870, -113.0102



145.6390, -5.2450, 95.9096

Complementary

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



134.9060, -41.3657, -32.3666



86.0940, 41.3657, 32.3666

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.



152.9780, 20.7168, 75.4413



134.9060, -41.3657, -32.3666



131.4390, 60.9156, -78.4380

Square

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



134.9060, -41.3657, -32.3666



130.4780, 48.0783, -114.4292



156.8860, 43.4402, 20.2710



147.4400, -33.7409, 89.0681

Rectangle

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



134.9060, -41.3657, -32.3666



122.7600, 13.4293, -107.6605



156.8860, 43.4402, 20.2710



148.0330, 3.9277, 93.8101

Sweetspot

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



134.9060, -41.3657, -32.3666



208.2700, -16.4021, -12.5148



128.2580, -38.0882, 36.6077



103.7250, -9.7244, -7.6518



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



134.9060, -41.3657, -32.3666



166.8950, -65.0242, -50.7739



122.2210, -29.1960, -62.4608



81.5930, -2.7573, -2.2741



104.2180, -51.3795, -40.5332



14.1320, -6.9671, -5.3778

Inverse Universe

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



86.0940, 41.3657, 32.3666



90.1050, 65.0242, 50.7739



98.7790, 29.1960, 62.4608



78.4070, 2.7573, 2.2741



43.4830, 51.5269, 39.9184



5.8680, 6.9671, 5.3778

Previews

White Background



This preview shows how the YUV color 134.9060, -41.3657, -32.3666 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 134.9060, -41.3657, -32.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

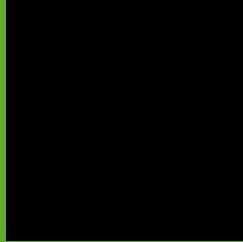
Any Text WCAG AA ✓ Pass

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 134.9060, -41.3657, -32.3666 Background



This preview shows how black text looks on a background with the YUV color 134.9060, -41.3657, -32.3666.



This preview shows how white text looks on a background with the YUV color 134.9060, -41.3657, -32.3666.

-32.3666.

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

134.9060, -41.3657, -32.3666

Protanopia

145.2980, -48.9539, 21.6637

Deuteranopia

147.8790, -43.3243, 36.0631



Tritanopia

147.8100, 11.4327, -27.0204

Trichromacy



Original Color

134.9060, -41.3657, -32.3666

Protanomaly

141.8610, -46.2735, 1.8759

Deuteranomaly

142.9530, -42.3748, 11.4422

Tritanomaly

143.0490, -7.9122, -28.9840

Monochromacy



Original Color

134.9060, -41.3657, -32.3666

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2100, -15.3865, -11.5852

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9060, -41.3657, -32.3666 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(98, 170, 51)` looks like.

```
.text, #text, p{  
    color:rgb(98, 170, 51)  
}
```

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(98, 170, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 170, 51) }
```

Border

The CSS property to change the border of an element to YUV 134.9060, -41.3657, -32.3666 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(98, 170, 51) }
```


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

```
.border{ border-color:rgb(98, 170, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 170, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 170, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 170, 51);  
box-shadow:4px 4px 4px 4px rgb(98, 170,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 134.9060, -41.3657, -32.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 170, 51) }
```

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

```
.background{ background-color: rgb(98, 170,  
51) }
```

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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