

Converting Colors

YUV(134.5270, -46.6018,
-32.9112)

Have a look what the booklet for
YUV(134.5270, -46.6018, -32.9112)
contains.

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Color

**YUV(134.5270, -46.6018,
-32.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	61AC28
RGB	97, 172, 40
RGB Percent	38%, 67%, 16%
CMY	0.6196, 0.3255, 0.8431
CMYK	0.44, 0.00, 0.77, 0.33
HSL	94°, 62%, 42%
HSV	94°, 77%, 67%
XYZ	20.0653, 32.1996, 7.1651
YIQ	134.5270, -2.3280, -56.9520

Conversions

Conversions Part 2

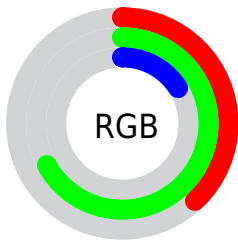
Format	Color
RYB	40, 172, 115
Decimal	6401064
CIELab	63.51, -44.99, 56.34
CIElCh	64, 72.094, 128.608
Yxy	32.1996, 0.3376, 0.5418
Android (android.graphics.Color)	4284591144 (0xFF61AC28)
YUV	134.5270, -46.6018, -32.9112
Hunter-Lab	56.7447, -36.1845, 32.2348

Details

The YUV color **134.5270, -46.6018, -32.9112** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **77.4730, 46.6018, 32.9112**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4130, -47.0386, -32.8112**, and **80.9160, -39.8916, -38.5143** is the 20% darker color. If you saturate the color by 10%, you get **129.5990, -52.5533, -37.3593**, and if you desaturate by 10%, it is **139.4550, -40.6503, -28.4630**.

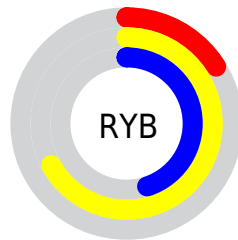
Distribution



Red (38%)

Green (67%)

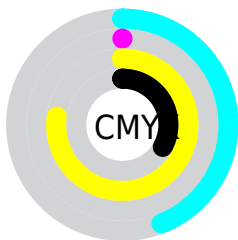
Blue (16%)



Red (16%)

Yellow (67%)

Blue (45%)

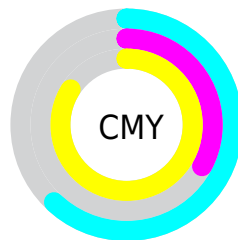


Cyan (44%)

Magenta (0%)

Yellow (77%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5270, -46.6018, -32.9112 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 134.5270, -46.6018, -32.9112 by changing the saturation by 10% instead.

■ 134.5270,
-46.6018, -32.9112

■ 134.5270,
-46.6018, -32.9112

■ 255.0000, 0.0000,
0.0000

■ 105.4470,
-51.9854, -32.8410

■ 190.4130,
-47.0386, -32.8112

■ 80.9160, -39.8916,
-38.5143

■ 218.0110,
-47.3334, -31.5816

■ 54.5910, -26.9134,
-47.8763

■ 229.8740,
-39.3779, -16.5525

■ 40.5030, -19.9680,
-35.5211

■ 242.0360,
-31.5697, -0.9086

■ 27.0020, -13.3120,
-23.6808

■ 249.4140,
-21.4031, 4.8989

■ 12.3270, -6.0772,
-10.8108

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 134.5270,
-46.6018, -32.9112

■ 134.5270,
-46.6018, -32.9112

■ 129.5990,
-52.5533, -37.3593

■ 139.4550,
-40.6503, -28.4630

■ 124.6710,
-58.5048, -41.8075

■ 144.3830,
-34.6988, -24.0149

■ 123.0900,
-60.6834, -43.0519

■ 149.1260,
-28.1631, -20.2815

■ 154.0540,
-22.2116, -15.8334

■ 158.9820,
-16.2601, -11.3852

■ 163.9100,
-10.3086, -6.9371

■ 168.5390, -4.2097,
-3.1037

■ 173.5810, 2.1786,
1.2445

■ 178.5090, 8.1301,
5.6926

Harmonies

Analogous

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



142.0920, -70.0514, 21.8443



134.5270, -46.6018, -32.9112



117.5160, -6.6634, -103.0615

Triad

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



134.5270, -46.6018, -32.9112



130.6210, 61.3188, -114.5546



142.4590, -2.1983, 98.6985

Complementary

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



134.5270, -46.6018, -32.9112



77.4730, 46.6018, 32.9112

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.



153.5100, 23.9056, 79.3597



134.5270, -46.6018, -32.9112



120.0550, 66.5279, -105.2882

Square

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



134.5270, -46.6018, -32.9112



133.3960, 49.1048, -116.9883



157.7270, 47.9556, 18.6564



146.6580, -34.3414, 95.0159

Rectangle

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



134.5270, -46.6018, -32.9112



124.4070, 12.1243, -109.1049



157.7270, 47.9556, 18.6564



144.9670, 7.4113, 96.4989

Sweetspot

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



134.5270, -46.6018, -32.9112



209.5150, -18.0019, -12.7297



123.4930, -41.1620, 42.5406



103.0840, -10.8874, -7.9667



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.



134.5270, -46.6018, -32.9112



165.5330, -72.7338, -51.3334



118.5100, -34.2684, -68.8533



84.4790, -3.1941, -2.1741



107.4850, -52.9901, -37.2593



16.4910, -8.1301, -5.6926

Inverse Universe

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



77.4730, 46.6018, 32.9112



76.4670, 72.7338, 51.3334



93.4900, 34.2684, 68.8533



80.5210, 3.1941, 2.1741



42.5150, 52.9901, 37.2593



6.5090, 8.1301, 5.6926

Previews

White Background



This preview shows how the YUV color 134.5270, -46.6018, -32.9112 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 134.5270, -46.6018, -32.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

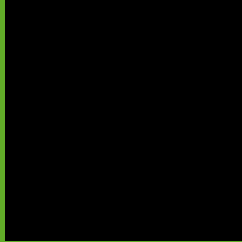
Any Text WCAG AA ✓ Pass

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 134.5270, -46.6018, -32.9112 Background



This preview shows how black text looks on a background with the YUV color 134.5270, -46.6018, -32.9112.



This preview shows how white text looks on a background with the YUV color 134.5270, -46.6018, -32.9112.

-32.9112.

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

134.5270, -46.6018, -32.9112

Protanopia

145.2290, -54.3429, 23.4782

Deuteranopia

148.1520, -47.4029, 37.5777



Tritanopia

148.6250, 12.0169, -27.7351

Trichromacy



Original Color

134.5270, -46.6018, -32.9112

Protanomaly

141.4930, -51.5150, 3.0756

Deuteranomaly

143.4000, -47.0322, 11.9272

Tritanomaly

143.4080, -9.0751, -29.2988

Monochromacy



Original Color

134.5270, -46.6018, -32.9112

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.4550, -16.9863, -11.8000

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5270, -46.6018, -32.9112 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(97, 172, 40)` looks like.

```
.text, #text, p{  
    color:rgb(97, 172, 40)  
}
```

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(97, 172, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 172, 40) }
```

Border

The CSS property to change the border of an element to YUV 134.5270, -46.6018, -32.9112 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(97, 172, 40) }
```


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

```
.border{ border-color:rgb(97, 172, 40) }
```

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

Here you see how a box with a 4 pixel rgb(97, 172, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 172, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 172, 40);  
box-shadow:4px 4px 4px 4px rgb(97, 172,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 134.5270, -46.6018, -32.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 172, 40) }
```

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

```
.background{ background-color: rgb(97, 172,  
40) }
```

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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