

Converting Colors

YUV(190.4430, -35.7144,
-24.9445)

Have a look what the booklet for
YUV(190.4430, -35.7144, -24.9445)
contains.

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Color

**YUV(190.4430, -35.7144,
-24.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	A2DB76
RGB	162, 219, 118
RGB Percent	64%, 86%, 46%
CMY	0.3647, 0.1412, 0.5373
CMYK	0.26, 0.00, 0.46, 0.14
HSL	94°, 58%, 66%
HSV	94°, 46%, 86%
XYZ	43.5018, 59.6524, 26.3608
YIQ	190.4430, -1.5510, -43.4950

Conversions

Conversions Part 2

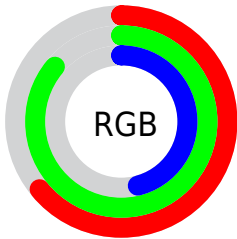
Format	Color
RYB	118, 219, 175
Decimal	10673014
CIELab	81.65, -35.58, 43.71
CIELCh	82, 56.357, 129.143
Yxy	59.6524, 0.3359, 0.4606
Android (android.graphics.Color)	4288863094 (0xFFA2DB76)
YUV	190.4430, -35.7144, -24.9445
Hunter-Lab	77.2350, -34.6229, 33.8284

Details

The YUV color **190.4430, -35.7144, -24.9445** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **146.5570, 35.7144, 24.9445**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7740, -30.9476, -13.8338**, and **136.1980, -34.1146, -24.7296** is the 20% darker color. If you saturate the color by 10%, you get **184.3470, -43.5551, -30.1223**, and if you desaturate by 10%, it is **196.5390, -27.8737, -19.7667**.

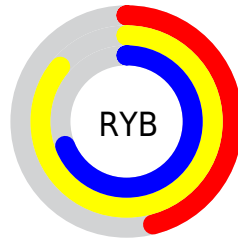
Distribution



Red (64%)

Green (86%)

Blue (46%)



Red (46%)

Yellow (86%)

Blue (69%)

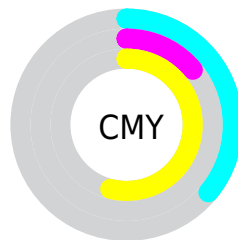


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (14%)



Cyan (36%)

Magenta (14%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4430, -35.7144, -24.9445 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 190.4430, -35.7144, -24.9445 by changing the saturation by 10% instead.

■ 190.4430,
-35.7144, -24.9445

■ 190.4430,
-35.7144, -24.9445

255.0000, 0.0000,
0.0000

■ 162.9700,
-34.9882, -24.5297

■ 234.7740,
-30.9476, -13.8338

■ 136.1980,
-34.1146, -24.7296

■ 246.6370,
-22.9920, 1.1954

■ 109.3120,
-33.6778, -24.8296

■ 251.9220,
-11.7935, 2.6994

■ 82.7850, -34.4040,
-25.2444

■ 58.8430, -29.0096,
-28.8033

■ 36.9810, -18.2316,
-32.4323

■ 24.0670, -11.8650,

-21.1068

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 190.4430,
-35.7144, -24.9445

■ 190.4430,
-35.7144, -24.9445

■ 184.3470,
-43.5551, -30.1223

■ 196.5390,
-27.8737, -19.7667

■ 177.9520,
-51.2483, -35.9149

■ 202.9340,
-20.1805, -13.9741

■ 171.8560,
-59.0890, -41.0927

■ 209.0300,
-12.3398, -8.7963

■ 165.7600,
-66.9297, -46.2705

■ 215.1260, -4.4991,
-3.6185

■ 159.4790,
-74.1861, -52.1631

■ 221.5210, 3.1941,
2.1741

■ 156.9580,
-77.3803, -54.3372

■ 227.5030, 10.5980,
7.4519

■ 232.0740, 11.3025,
14.8441

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



196.6460, -50.1115, 19.6045



190.4430, -35.7144, -24.9445



177.5450, -7.1707, -80.2850

Triad

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



190.4430, -35.7144, -24.9445



157.6230, 48.0069, -138.2354



191.1240, -1.0471, 56.0193

Complementary

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



190.4430, -35.7144, -24.9445



146.5570, 35.7144, 24.9445

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.



200.6880, 20.3668, 47.6316



190.4430, -35.7144, -24.9445



191.2870, 31.4105, -41.4707

Square

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



190.4430, -35.7144, -24.9445



162.3190, 45.6917, -142.3538



204.6630, 24.8161, 20.4665



190.7070, -25.4916, 56.3850

Rectangle

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



190.4430, -35.7144, -24.9445



157.8100, 20.7997, -138.3994



204.6630, 24.8161, 20.4665



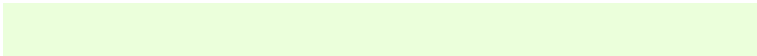
193.1760, 6.8152, 54.2196

Sweetspot

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



190.4430, -35.7144, -24.9445



244.9160, -12.7766, -8.6963



181.0710, -31.0940, 33.2637



121.6050, -7.6933, -5.7926



0.0000, 0.0000, 0.0000



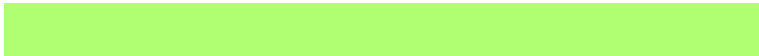
128.0000, 0.0000, 0.0000

Same Dimension

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



190.4430, -35.7144, -24.9445



215.4190, -49.5066, -34.5705



177.8570, -27.0445, -52.4946



106.6530, -3.7729, -3.2037



124.2750, -61.2676, -42.3372



32.9820, -16.2601, -11.3852

Inverse Universe

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



146.5570, 35.7144, 24.9445



154.5810, 49.5066, 34.5705



159.1430, 27.0445, 52.4946



102.0480, 3.9203, 2.5889



49.0240, 61.1202, 42.9520



13.0180, 16.2601, 11.3852

Previews

White Background



This preview shows how the YUV color 190.4430, -35.7144, -24.9445 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 190.4430, -35.7144, -24.9445 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 190.4430, -35.7144, -24.9445 Background



This preview shows how black text looks on a background with the YUV color 190.4430, -35.7144, -24.9445.



This preview shows how white text looks on a background with the YUV color 190.4430, -35.7144, -24.9445.

-24.9445.

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

190.4430, -35.7144, -24.9445

Protanopia

197.7200, -42.2600, 21.2936

Deuteranopia

200.6820, -37.8042, 38.8669



Tritanopia

200.2670, 11.7004, -19.5282

Trichromacy



Original Color

190.4430, -35.7144, -24.9445

Protanomaly

194.8920, -39.8798, 4.4797

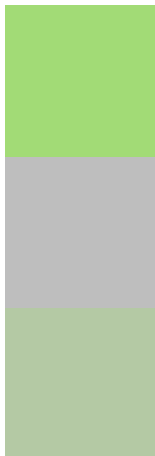
Deuteranomaly

196.7670, -36.8601, 15.9903

Tritanomaly

196.3750, -5.6079, -21.3769

Monochromacy



Original Color

190.4430, -35.7144, -24.9445

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.5030, -13.0660, -9.2111

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4430, -35.7144, -24.9445 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(162, 219, 118)` looks like.

```
.text, #text, p{  
    color:rgb(162, 219, 118)  
}
```

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(162, 219, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 219, 118) }
```

Border

The CSS property to change the border of an element to YUV 190.4430, -35.7144, -24.9445 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(162, 219, 118) }
```


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

```
.border{ border-color:rgb(162, 219, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 219, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 219, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 219, 118);  
box-shadow:4px 4px 4px 4px rgb(162, 219,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 190.4430, -35.7144, -24.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 219, 118) }
```

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

```
.background{ background-color: rgb(162,  
219, 118) }
```

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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