

Converting Colors

YUV(135.5520, -24.4291,
-51.3501)

Have a look what the booklet for
YUV(135.5520, -24.4291, -51.3501)
contains.

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Color

**YUV(135.5520, -24.4291,
-51.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	4DAF56
RGB	77, 175, 86
RGB Percent	30%, 69%, 34%
CMY	0.6980, 0.3137, 0.6627
CMYK	0.56, 0.00, 0.51, 0.31
HSL	126°, 39%, 49%
HSV	126°, 56%, 69%
XYZ	20.0703, 32.9096, 14.0985
YIQ	135.5520, -29.8390, -48.4550

Conversions

Conversions Part 2

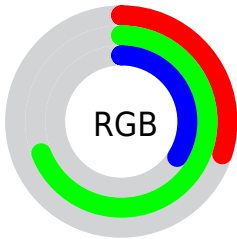
Format	Color
RYB	77, 167, 175
Decimal	5091158
CIELab	64.09, -47.46, 36.90
CIELCh	64, 60.119, 142.136
Yxy	32.9096, 0.2992, 0.4906
Android (android.graphics.Color)	4283281238 (0xFF4DAF56)
YUV	135.5520, -24.4291, -51.3501
Hunter-Lab	57.3669, -37.9425, 25.5857

Details

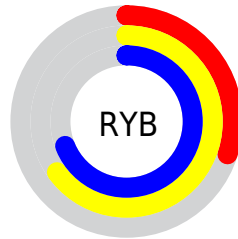
The YUV color **135.5520, -24.4291, -51.3501** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **116.4480, 24.4291, 51.3501**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2810, -26.7605, -50.2354**, and **75.2450, -18.8548, -65.9899** is the 20% darker color. If you saturate the color by 10%, you get **128.3460, -28.7646, -60.8164**, and if you desaturate by 10%, it is **142.4590, -19.9463, -42.4985**.

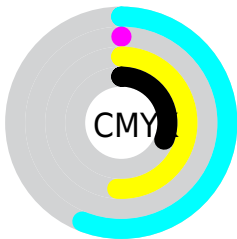
Distribution



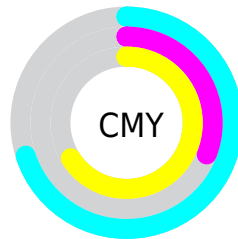
- Red (30%)
- Green (69%)
- Blue (34%)



- Red (30%)
- Yellow (65%)
- Blue (69%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (70%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5520, -24.4291, -51.3501 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 135.5520, -24.4291, -51.3501 by changing the saturation by 10% instead.

■ 135.5520,
-24.4291, -51.3501

■ 135.5520,
-24.4291, -51.3501

■ 255.0000, 0.0000,
0.0000

■ 107.5840,
-22.9659, -54.0092

■ 191.2810,
-26.7605, -50.2354

■ 75.2450, -18.8548,
-65.9899

■ 216.8190,
-26.0398, -48.0763

■ 57.4920, -23.4136,
-50.4205

■ 228.6820,
-18.0842, -33.0471

■ 41.6770, -20.5468,
-36.5507

■ 240.5450,
-10.1287, -18.0180

■ 28.1760, -13.8908,
-24.7104

■ 252.8210, -1.8838,
-2.4740

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 135.5520,
-24.4291, -51.3501

■ 135.5520,
-24.4291, -51.3501

■ 128.3460,
-28.7646, -60.8164

■ 142.4590,
-19.9463, -42.4985

■ 121.4390,
-33.2474, -69.6680

■ 149.6650,
-15.6108, -33.0322

■ 114.5320,
-37.7303, -78.5196

■ 156.8710,
-11.2754, -23.5659

■ 107.3260,
-42.0657, -87.9859

■ 163.7780, -6.7926,
-14.7143

■ 104.5490,
-43.6547, -91.6895

■ 170.5710, -2.7465,
-5.7628

■ 177.7770, 1.5889,
3.7036

■ 184.6840, 6.0718,
12.5551

■ 191.8900, 10.4072,
22.0215

■ 199.0960, 14.7427,
31.4878

Harmonies

Analogous

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



144.8670, -48.7414, 0.1166



135.5520, -24.4291, -51.3501



121.5060, 8.6245, -106.5608

Triad

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



135.5520, -24.4291, -51.3501



126.5120, 63.3446, -110.9510



152.1960, -16.8586, 87.5281

Complementary

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



135.5520, -24.4291, -51.3501



116.4480, 24.4291, 51.3501

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.



155.6720, 8.0497, 78.3407



135.5520, -24.4291, -51.3501



154.5280, 49.5327, -20.6341

Square

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



135.5520, -24.4291, -51.3501



131.1450, 53.1725, -115.0142



159.9890, 30.5714, 41.2286



152.3100, -40.0858, 70.7651

Rectangle

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



135.5520, -24.4291, -51.3501



126.3110, 24.4967, -110.7747



159.9890, 30.5714, 41.2286



153.3730, -8.5649, 87.3729

Sweetspot

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



135.5520, -24.4291, -51.3501



211.3490, -9.5391, -20.4771



161.4360, -41.6269, 4.8796



105.7290, -5.7824, -12.0403



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



135.5520, -24.4291, -51.3501



165.8200, -37.8723, -79.6491



141.0240, -3.4628, -56.1490



83.3970, -2.1677, -4.7332



89.6460, -37.2935, -78.6195



13.7290, -5.7824, -12.0403

Inverse Universe

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



116.4480, 24.4291, 51.3501



136.1800, 37.8723, 79.6491



110.9760, 3.4628, 56.1490



81.6030, 2.1677, 4.7332



60.4680, 37.7303, 78.5196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 135.5520, -24.4291, -51.3501 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 135.5520, -24.4291, -51.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

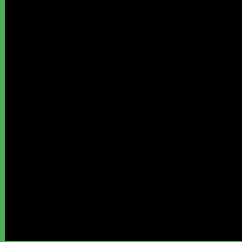
Any Text WCAG AA ✓ Pass

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 135.5520, -24.4291, -51.3501 Background



This preview shows how black text looks on a background with the YUV color 135.5520, -24.4291, -51.3501.



This preview shows how white text looks on a background with the YUV color 135.5520, -24.4291, -51.3501.

-51.3501.

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

135.5520, -24.4291, -51.3501

Protanopia

150.2340, -35.1184, 17.3348

Deuteranopia

152.8040, -29.4834, 29.9899



Tritanopia

146.7480, 15.4072, -41.8750

Trichromacy



Original Color

135.5520, -24.4291, -51.3501

Protanomaly

145.1060, -31.1113, -7.9860

Deuteranomaly

146.3720, -27.7914, 0.5508

Tritanomaly

142.9420, 1.0146, -45.5531

Monochromacy



Original Color

135.5520, -24.4291, -51.3501

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8870, -8.8183, -18.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5520, -24.4291, -51.3501 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(77, 175, 86)` looks like.

```
.text, #text, p{  
    color:rgb(77, 175, 86)  
}
```

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(77, 175, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 175, 86) }
```

Border

The CSS property to change the border of an element to YUV 135.5520, -24.4291, -51.3501 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(77, 175, 86) }
```


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

```
.border{ border-color:rgb(77, 175, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 175, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 175, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 175, 86);  
box-shadow:4px 4px 4px 4px rgb(77, 175,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 135.5520, -24.4291, -51.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 175, 86) }
```

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

```
.background{ background-color: rgb(77, 175,  
86) }
```

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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