

Converting Colors

YUV(133.0210, -25.6464,
-34.2214)

Have a look what the booklet for
YUV(133.0210, -25.6464, -34.2214)
contains.

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Color

**YUV(133.0210, -25.6464,
-34.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA351
RGB	94, 163, 81
RGB Percent	37%, 64%, 32%
CMY	0.6314, 0.3608, 0.6824
CMYK	0.42, 0.00, 0.50, 0.36
HSL	110°, 34%, 48%
HSV	110°, 50%, 64%
XYZ	19.1985, 29.1682, 12.4027
YIQ	133.0210, -14.8020, -40.1300

Conversions

Conversions Part 2

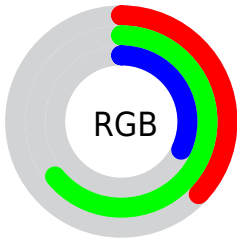
Format	Color
R_{YB}	81, 163, 150
Decimal	6202193
CIE _{Lab}	60.93, -38.23, 35.69
CIE _{LCh}	61, 52.295, 136.967
Yxy	29.1682, 0.3159, 0.4800
Android (android.graphics.Color)	4284392273 (0xFF5EA351)
YUV	133.0210, -25.6464, -34.2214
Hunter-Lab	54.0075, -31.0604, 24.1894

Details

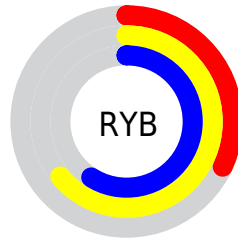
The YUV color **133.0210, -25.6464, -34.2214** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **110.9790, 25.6464, 34.2214**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2660, -27.2461, -34.4363**, and **80.7650, -24.0411, -35.7509** is the 20% darker color. If you saturate the color by 10%, you get **127.0110, -30.5714, -41.2286**, and if you desaturate by 10%, it is **139.0310, -20.7213, -27.2142**.

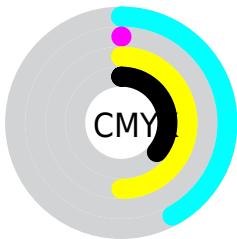
Distribution



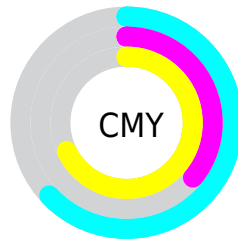
- Red (37%)
- Green (64%)
- Blue (32%)



- Red (32%)
- Yellow (64%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (50%)
- Black (36%)



- Cyan (63%)
- Magenta (36%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0210, -25.6464, -34.2214 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 133.0210, -25.6464, -34.2214 by changing the saturation by 10% instead.

■ 133.0210,
-25.6464, -34.2214

■ 133.0210,
-25.6464, -34.2214

■ 255.0000, 0.0000,
0.0000

■ 106.3630,
-24.3360, -34.5214

■ 187.2660,
-27.2461, -34.4363

■ 80.7650, -24.0411,
-35.7509

■ 215.7390,
-27.9723, -34.8511

■ 51.7640, -22.5617,
-43.6430

■ 231.8850,
-22.6213, -24.4551

■ 36.3940, -17.9422,
-31.9175

■ 243.7480,
-14.6658, -9.4260

■ 23.4800, -11.5756,
-20.5920

■ 253.6320, -5.2416,
1.1997

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,

0.0000

■ 133.0210,
-25.6464, -34.2214

■ 133.0210,
-25.6464, -34.2214

■ 127.0110,
-30.5714, -41.2286

■ 139.0310,
-20.7213, -27.2142

■ 121.1860,
-36.0807, -47.5211

■ 144.8560,
-15.2120, -20.9217

■ 115.1760,
-41.0058, -54.5284

■ 150.8660,
-10.2869, -13.9145

■ 109.1660,
-45.9308, -61.5356

■ 156.8760, -5.3619,
-6.9073

■ 103.4550,
-51.0033, -67.9280

■ 163.0000, 0.0000,
0.0000

■ 168.7110, 5.0725,
6.3925

■ 174.7210, 9.9975,
13.3997

■ 180.7310, 14.9226,
20.4069

■ 186.5560, 20.4319,
26.6994

Harmonies

Analogous

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



139.8060, -42.7954, 6.3091



133.0210, -25.6464, -34.2214



113.4530, 5.6927, -99.4983

Triad

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



133.0210, -25.6464, -34.2214



119.7640, 57.7973, -105.0330



146.4980, -11.5845, 75.8623

Complementary

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



133.0210, -25.6464, -34.2214



110.9790, 25.6464, 34.2214

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.



149.3280, 9.6983, 62.8563



133.0210, -25.6464, -34.2214



144.6320, 45.0444, -27.7413

Square

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



133.0210, -25.6464, -34.2214



122.4250, 45.1465, -107.3667



151.5590, 29.3044, 27.5738



145.4540, -31.7758, 65.3768

Rectangle

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



133.0210, -25.6464, -34.2214



117.6880, 19.3808, -103.2124



151.5590, 29.3044, 27.5738



147.3220, -4.5957, 74.2626

Sweetspot

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



133.0210, -25.6464, -34.2214



200.2790, -9.9975, -13.3997



145.4340, -31.7660, 15.4054



100.0500, -5.9406, -7.9368



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.0210, -25.6464, -34.2214



165.5290, -39.7008, -53.0839



132.2120, -11.9365, -44.9129



78.8810, -2.8993, -3.4036



91.9920, -45.3521, -60.5060



11.4630, -5.6513, -7.4221

Inverse Universe

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



110.9790, 25.6464, 34.2214



131.4710, 39.7008, 53.0839



111.7880, 11.9365, 44.9129



76.1190, 2.8993, 3.4036



53.0080, 45.3521, 60.5060



6.5370, 5.6513, 7.4221

Previews

White Background



This preview shows how the YUV color 133.0210, -25.6464, -34.2214 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0210, -25.6464, -34.2214 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.0210, -25.6464, -34.2214 Background



This preview shows how black text looks on a background with the YUV color 133.0210, -25.6464, -34.2214.



This preview shows how white text looks on a background with the YUV color 133.0210, -25.6464, -34.2214.

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

133.0210, -25.6464, -34.2214

Protanopia

142.3910, -33.2238, 16.3201

Deuteranopia

145.3200, -28.7518, 28.6604



Tritanopia

142.2120, 11.7275, -28.2499

Trichromacy



Original Color

133.0210, -25.6464, -34.2214

Protanomaly

138.9650, -30.5487, -1.7233

Deuteranomaly

140.5190, -27.3709, 5.6838

Tritanomaly

138.6450, -1.7970, -30.3837

Monochromacy



Original Color

133.0210, -25.6464, -34.2214

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1050, -9.4188, -12.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0210, -25.6464, -34.2214 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(94, 163, 81)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 81)  
}
```

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(94, 163, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 81) }
```

Border

The CSS property to change the border of an element to YUV 133.0210, -25.6464, -34.2214 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(94, 163, 81) }
```


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

```
.border{ border-color:rgb(94, 163, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 81);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 133.0210, -25.6464, -34.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 81) }
```

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

```
.background{ background-color: rgb(94, 163,  
81) }
```

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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