

Converting Colors

YUV(164.5560, -23.9381,
-68.8936)

Have a look what the booklet for
YUV(164.5560, -23.9381, -68.8936)
contains.

YUV(164.5560, -23.9381, -68.8936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.5560, -23.9381,
-68.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	56D674
RGB	86, 214, 116
RGB Percent	34%, 84%, 45%
CMY	0.6627, 0.1608, 0.5451
CMYK	0.60, 0.00, 0.46, 0.16
HSL	134°, 61%, 59%
HSV	134°, 60%, 84%
XYZ	31.0367, 51.3325, 24.7954
YIQ	164.5560, -44.8300, -57.6140

Conversions

Conversions Part 2

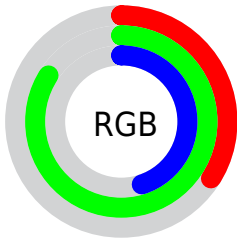
Format	Color
RYB	86, 190, 214
Decimal	5690996
CIELab	76.88, -56.04, 38.00
CIELCh	77, 67.708, 145.854
Yxy	51.3325, 0.2896, 0.4790
Android (android.graphics.Color)	4283881076 (0xFF56D674)
YUV	164.5560, -23.9381, -68.8936
Hunter-Lab	71.6467, -48.0572, 29.6337

Details

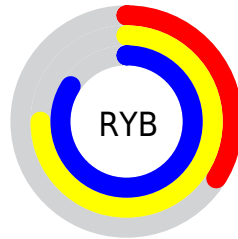
The YUV color **164.5560, -23.9381, -68.8936** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **135.4440, 23.9381, 68.8936**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6050, -21.4973, -58.4126**, and **100.1560, -17.3319, -87.8368** is the 20% darker color. If you saturate the color by 10%, you get **156.4530, -27.8313, -80.2043**, and if you desaturate by 10%, it is **172.6590, -20.0449, -57.5829**.

Distribution



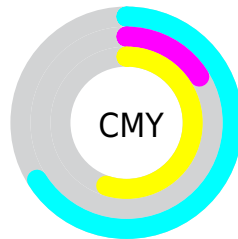
- Red (34%)
- Green (84%)
- Blue (45%)



- Red (34%)
- Yellow (75%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (46%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5560, -23.9381, -68.8936 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 164.5560, -23.9381, -68.8936 by changing the saturation by 10% instead.

■ 164.5560,
-23.9381, -68.8936

■ 164.5560,
-23.9381, -68.8936

255.0000, 0.0000,
0.0000

■ 134.9900,
-22.1801, -72.7822

■ 212.6050,
-21.4973, -58.4126

■ 100.1560,
-17.3319, -87.8368

■ 224.7670,
-13.6891, -42.7687

■ 81.5710, -20.0015,
-71.5378

■ 236.9290, -5.8810,
-27.1247

■ 63.2310, -24.2709,
-55.4536

■ 249.2050, 2.3639,
-11.5808

■ 46.9600, -23.1513,
-41.1839

■ 32.2850, -15.9165,
-28.3139

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 164.5560,
-23.9381, -68.8936

■ 164.5560,
-23.9381, -68.8936

■ 156.4530,
-27.8313, -80.2043

■ 172.6590,
-20.0449, -57.5829

■ 147.9370,
-32.0139, -92.0297

■ 181.1750,
-15.8623, -45.7575

■ 139.8340,
-35.9072, -103.3404

■ 189.2780,
-11.9691, -34.4468

■ 131.3180,
-40.0898, -115.1659

■ 197.7940, -7.7864,
-22.6213

■ 205.8970, -3.8932,
-11.3107

■ 214.0000, 0.0000,
0.0000

■ 222.5160, 4.1826,
11.8255

■ 230.0210, 8.3706,
21.9066

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



177.1560, -53.8139, -6.2758



164.5560, -23.9381, -68.8936



149.5460, 14.5208, -131.1518

Triad

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



164.5560, -23.9381, -68.8936



145.8830, 53.7947, -127.9394



173.0970, -16.8098, 71.8289

Complementary

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



164.5560, -23.9381, -68.8936



135.4440, 23.9381, 68.8936

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.



177.2300, 11.7186, 68.2043



164.5560, -23.9381, -68.8936



185.5930, 34.2177, -8.4131

Square

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



164.5560, -23.9381, -68.8936



154.6880, 49.4538, -135.6614



193.3650, 30.3861, 54.0539



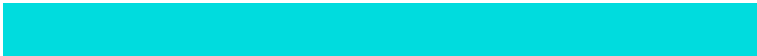
179.3820, -46.0373, 66.3170

Rectangle

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



164.5560, -23.9381, -68.8936



154.4480, 33.3031, -135.4509



193.3650, 30.3861, 54.0539



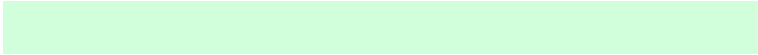
172.4420, -6.6269, 72.4034

Sweetspot

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



164.5560, -23.9381, -68.8936



237.2560, -8.5072, -24.7805



190.4380, -51.4879, -5.6461



116.8210, -5.3348, -15.6290



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.



164.5560, -23.9381, -68.8936



183.9100, -34.4656, -99.0221



171.8520, 4.0170, -75.2922



102.7990, -1.8729, -5.9627



104.9370, -32.0139, -92.0297



26.3810, -8.0758, -23.1361

Inverse Universe

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



135.4440, 23.9381, 68.8936



142.0900, 34.4656, 99.0221



128.1480, -4.0170, 75.2922



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 164.5560, -23.9381, -68.8936 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 164.5560, -23.9381, -68.8936 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 164.5560, -23.9381, -68.8936 Background



This preview shows how black text looks on a background with the YUV color 164.5560, -23.9381, -68.8936.



This preview shows how white text looks on a background with the YUV color 164.5560, -23.9381, -68.8936.

-68.8936.

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

164.5560, -23.9381, -68.8936

Protanopia

184.4470, -38.1814, 19.7790

Deuteranopia

187.3700, -31.2414, 33.8785



Tritanopia

177.6260, 20.3974, -55.8000

Trichromacy



Original Color

164.5560, -23.9381, -68.8936



Protanomaly

176.9160, -32.9896, -12.2043



Deuteranomaly

178.8230, -28.5067, -3.3528



Tritanomaly

172.7660, 4.5524, -60.3078

Monochromacy



Original Color

164.5560, -23.9381, -68.8936



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8430, -8.7966, -25.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5560, -23.9381, -68.8936 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(86, 214, 116)` looks like.

```
.text, #text, p{  
    color:rgb(86, 214, 116)  
}
```

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(86, 214, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 214, 116) }
```

Border

The CSS property to change the border of an element to YUV 164.5560, -23.9381, -68.8936 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(86, 214, 116) }
```


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

```
.border{ border-color:rgb(86, 214, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 214, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 214, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 214, 116);  
box-shadow:4px 4px 4px 4px rgb(86, 214,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 164.5560, -23.9381, -68.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 214, 116) }
```

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

```
.background{ background-color: rgb(86, 214,  
116) }
```

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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