

Converting Colors

YUV(164.1110, -25.6907,
-66.7493)

Have a look what the booklet for
YUV(164.1110, -25.6907, -66.7493)
contains.

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Color

**YUV(164.1110, -25.6907,
-66.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	58D570
RGB	88, 213, 112
RGB Percent	35%, 84%, 44%
CMY	0.6549, 0.1647, 0.5608
CMYK	0.59, 0.00, 0.47, 0.16
HSL	132°, 60%, 59%
HSV	132°, 59%, 84%
XYZ	30.7434, 50.8331, 23.5207
YIQ	164.1110, -42.0790, -57.9110

Conversions

Conversions Part 2

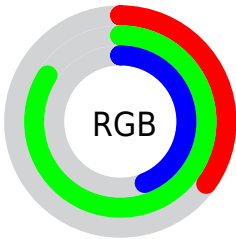
Format	Color
RYB	88, 193, 213
Decimal	5821808
CIELab	76.58, -55.82, 39.61
CIELCh	77, 68.448, 144.638
Yxy	50.8331, 0.2925, 0.4837
Android (android.graphics.Color)	4284011888 (0xFF58D570)
YUV	164.1110, -25.6907, -66.7493
Hunter-Lab	71.2973, -47.8011, 30.3486

Details

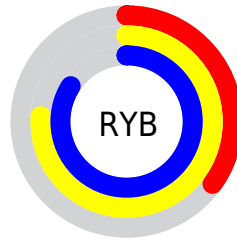
The YUV color **164.1110, -25.6907, -66.7493** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **136.8890, 25.6907, 66.7493**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7470, -23.5393, -56.7831**, and **99.1130, -18.7897, -86.9221** is the 20% darker color. If you saturate the color by 10%, you get **155.8940, -30.0207, -77.9600**, and if you desaturate by 10%, it is **172.3280, -21.3607, -55.5387**.

Distribution



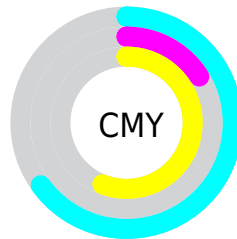
- Red (35%)
- Green (84%)
- Blue (44%)



- Red (35%)
- Yellow (76%)
- Blue (84%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (65%)
- Magenta (16%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1110, -25.6907, -66.7493 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 164.1110, -25.6907, -66.7493 by changing the saturation by 10% instead.

■ 164.1110,
-25.6907, -66.7493

■ 164.1110,
-25.6907, -66.7493

255.0000, 0.0000,
0.0000

■ 134.8440,
-24.0801, -70.0232

■ 212.7470,
-23.5393, -56.7831

■ 99.1130, -18.7897,
-86.9221

■ 224.6100,
-15.5837, -41.7540

■ 80.4140, -21.8961,
-70.5231

■ 236.7720, -7.7756,
-26.1100

■ 61.8460, -27.0391,
-54.2389

■ 249.0480, 0.4693,
-10.5661

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,
-28.3139

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 164.1110,
-25.6907, -66.7493

■ 164.1110,
-25.6907, -66.7493

■ 155.8940,
-30.0207, -77.9600

■ 172.3280,
-21.3607, -55.5387

■ 147.3780,
-34.2034, -89.7855

■ 180.8440,
-17.1781, -43.7132

■ 139.0470,
-38.9702, -100.8962

■ 189.1750,
-12.4113, -32.6025

■ 130.8300,
-43.3002, -112.1069

■ 197.3920, -8.0813,
-21.3918

■ 129.7050,
-43.7316, -113.7513

■ 205.9080, -3.8986,
-9.5663

■ 214.1250, 0.4314,
1.6444

■ 222.3420, 4.7614,
12.8551

■ 229.7760, 9.9704,
22.1214

■ 230.3460, 12.1544,
21.6216

Harmonies

Analogous

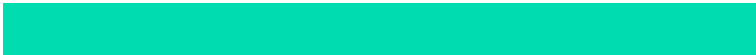
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.4120, -55.4191, -4.7463



164.1110, -25.6907, -66.7493



148.5030, 13.0630, -130.2371

Triad

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



164.1110, -25.6907, -66.7493



145.8830, 53.7947, -127.9394



171.4500, -15.5048, 73.2734

Complementary

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



164.1110, -25.6907, -66.7493



136.8890, 25.6907, 66.7493

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.



176.2840, 13.1710, 69.0339



164.1110, -25.6907, -66.7493



183.7990, 35.1021, -12.1017

Square

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



164.1110, -25.6907, -66.7493



154.1010, 49.7432, -135.1466



193.3650, 30.3861, 54.0539



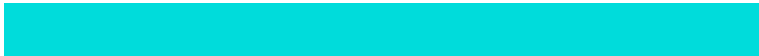
178.2080, -45.4585, 67.3466

Rectangle

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



164.1110, -25.6907, -66.7493



154.1060, 31.9927, -135.1510



193.3650, 30.3861, 54.0539



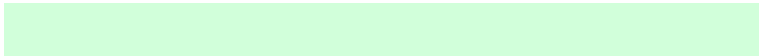
171.3820, -5.6113, 73.3330

Sweetspot

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



164.1110, -25.6907, -66.7493



237.0280, -9.3808, -24.5806



191.8730, -51.2094, -1.6426



116.7070, -5.7716, -15.5290



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.



164.1110, -25.6907, -66.7493



185.3620, -36.6605, -95.0335



171.0650, 0.9540, -72.8480



102.6850, -2.3097, -5.8627



104.1390, -35.0715, -91.3299



26.1530, -8.9494, -22.9362

Inverse Universe

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



136.8890, 25.6907, 66.7493



146.6380, 36.6605, 95.0335



129.9350, -0.9540, 72.8480



100.3150, 2.3097, 5.8627



66.8610, 35.0715, 91.3299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 164.1110, -25.6907, -66.7493 looks on a white background.

Color Contrast Check

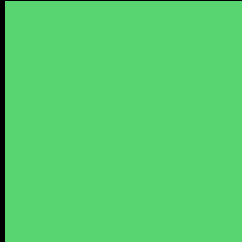
Large Text (above 18pt) WCAG AA × Fail

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 164.1110, -25.6907, -66.7493 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 164.1110, -25.6907, -66.7493 Background



This preview shows how black text looks on a background with the YUV color 164.1110, -25.6907, -66.7493.



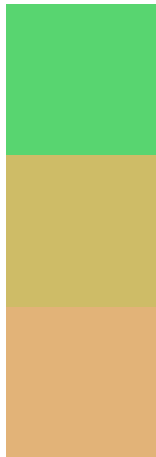
This preview shows how white text looks on a background with the YUV color 164.1110, -25.6907, -66.7493.

-66.7493.

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

164.1110, -25.6907, -66.7493

Protanopia

183.6920, -39.7812, 19.5641

Deuteranopia

186.3270, -32.6992, 34.7932



Tritanopia

177.4090, 19.5184, -53.8557

Trichromacy



Original Color

164.1110, -25.6907, -66.7493



Protanomaly

176.4600, -34.7368, -11.8044



Deuteranomaly

178.0790, -30.1119, -1.8233



Tritanomaly

172.4350, 3.2365, -58.2635

Monochromacy



Original Color

164.1110, -25.6907, -66.7493



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.0280, -9.3808, -24.5806

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1110, -25.6907, -66.7493 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(88, 213, 112)` looks like.

```
.text, #text, p{  
    color:rgb(88, 213, 112)  
}
```

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(88, 213, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 213, 112) }
```

Border

The CSS property to change the border of an element to YUV 164.1110, -25.6907, -66.7493 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(88, 213, 112) }
```


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

```
.border{ border-color:rgb(88, 213, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 213, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 213, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 213, 112);  
box-shadow:4px 4px 4px 4px rgb(88, 213,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 164.1110, -25.6907, -66.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 213, 112) }
```

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

```
.background{ background-color: rgb(88, 213,  
112) }
```

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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