

Converting Colors

YUV(155.3710, -23.3539,
-69.6084)

Have a look what the booklet for
YUV(155.3710, -23.3539, -69.6084)
contains.

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Color

**YUV(155.3710, -23.3539,
-69.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	4CCD6C
RGB	76, 205, 108
RGB Percent	30%, 80%, 42%
CMY	0.7020, 0.1961, 0.5765
CMYK	0.63, 0.00, 0.47, 0.20
HSL	135°, 56%, 55%
HSV	135°, 63%, 80%
XYZ	27.5186, 46.2819, 21.6703
YIQ	155.3710, -45.7470, -57.5150

Conversions

Conversions Part 2

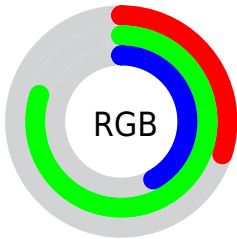
Format	Color
RYB	76, 179, 205
Decimal	5033324
CIELab	73.73, -55.98, 37.93
CIElCh	74, 67.625, 145.879
Yxy	46.2819, 0.2882, 0.4848
Android (android.graphics.Color)	4283223404 (0xFF4CCD6C)
YUV	155.3710, -23.3539, -69.6084
Hunter-Lab	68.0308, -46.8502, 28.7355

Details

The YUV color **155.3710, -23.3539, -69.6084** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **125.6290, 23.3539, 69.6084**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0020, -23.6650, -63.1458**, and **94.6620, -18.0744, -83.0186** is the 20% darker color. If you saturate the color by 10%, you get **147.3820, -26.8103, -81.0190**, and if you desaturate by 10%, it is **163.3600, -19.8975, -58.1977**.

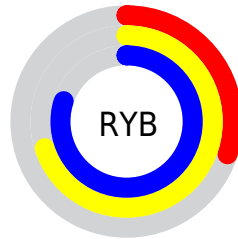
Distribution



Red (30%)

Green (80%)

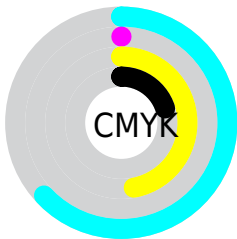
Blue (42%)



Red (30%)

Yellow (70%)

Blue (80%)

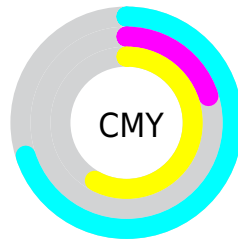


Cyan (63%)

Magenta (0%)

Yellow (47%)

Black (20%)



Cyan (70%)

Magenta (20%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3710, -23.3539, -69.6084 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 155.3710, -23.3539, -69.6084 by changing the saturation by 10% instead.

■ 155.3710,
-23.3539, -69.6084

■ 155.3710,
-23.3539, -69.6084

■ 255.0000, 0.0000,
0.0000

■ 125.0220,
-20.7168, -75.4413

■ 209.0020,
-23.6650, -63.1458

■ 94.6620, -18.0744,
-83.0186

■ 221.0500,
-16.2937, -47.4019

■ 75.9630, -21.1808,
-66.6196

■ 233.0270, -7.9013,
-32.4727

■ 57.3950, -26.3237,
-50.3354

■ 245.1890, -0.0932,
-16.8288

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,
-25.2252

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 155.3710,
-23.3539, -69.6084

■ 155.3710,
-23.3539, -69.6084

■ 147.3820,
-26.8103, -81.0190

■ 163.3600,
-19.8975, -58.1977

■ 139.5780,
-30.8510, -91.7149

■ 171.1640,
-15.8569, -47.5018

■ 131.5890,
-34.3074, -103.1256

■ 179.1530,
-12.4004, -36.0912

■ 126.1490,
-37.0485, -110.6327

■ 186.9570, -8.3598,
-25.3953

■ 194.9460, -4.9034,
-13.9846

■ 202.6360, -1.2995,
-3.1888

■ 210.7390, 2.5937,
8.1219

■ 218.4290, 6.1975,
18.9178

■ 224.7380, 10.9752,
26.5398

Harmonies

Analogous

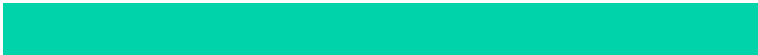
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.7430, -54.1033, -6.7906



155.3710, -23.3539, -69.6084



142.6500, 13.4835, -125.1041

Triad

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



155.3710, -23.3539, -69.6084



141.1870, 56.1098, -123.8210



166.9020, -17.6997, 77.2619

Complementary

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



155.3710, -23.3539, -69.6084



125.6290, 23.3539, 69.6084

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.



170.9210, 10.3919, 73.7373



155.3710, -23.3539, -69.6084



177.6190, 38.1488, -9.3129

Square

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



155.3710, -23.3539, -69.6084



149.4050, 52.0583, -131.0282



186.2340, 32.4226, 54.1688



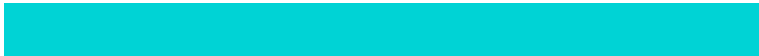
173.7740, -47.2166, 71.2352

Rectangle

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



155.3710, -23.3539, -69.6084



148.1390, 31.9765, -129.9179



186.2340, 32.4226, 54.1688



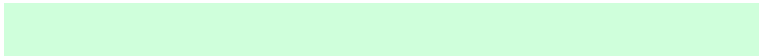
166.2470, -7.5168, 77.8364

Sweetspot

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



155.3710, -23.3539, -69.6084



236.5440, -8.6492, -25.9101



181.3240, -51.9247, -5.5461



116.4080, -5.6241, -16.1438



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.



155.3710, -23.3539, -69.6084



180.3500, -35.1755, -104.6700



162.5530, 4.1644, -75.9070



98.0980, -2.0203, -5.3479



102.1160, -30.1302, -89.5557



23.3320, -7.0657, -20.4622

Inverse Universe

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



125.6290, 23.3539, 69.6084



135.6500, 35.1755, 104.6700



118.4470, -4.1644, 75.9070



95.7880, 1.5835, 5.4479



63.8840, 30.1302, 89.5557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 155.3710, -23.3539, -69.6084 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 155.3710, -23.3539, -69.6084 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 155.3710, -23.3539, -69.6084 Background



This preview shows how black text looks on a background with the YUV color 155.3710, -23.3539, -69.6084.



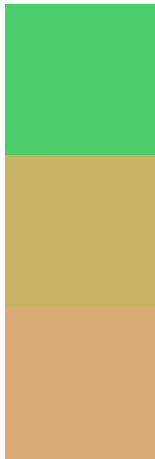
This preview shows how white text looks on a background with the YUV color 155.3710, -23.3539, -69.6084.

-69.6084.

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

155.3710, -23.3539, -69.6084

Protanopia

176.1480, -38.0340, 19.1642

Deuteranopia

178.7720, -30.9466, 32.6490



Tritanopia

169.0990, 19.6712, -56.2148

Trichromacy



Original Color

155.3710, -23.3539, -69.6084

Protanomaly

168.6170, -32.8422, -12.8191

Deuteranomaly

170.2250, -28.2119, -4.5823

Tritanomaly

163.9400, 3.9736, -61.3374

Monochromacy



Original Color

155.3710, -23.3539, -69.6084

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9570, -8.3598, -25.3953

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3710, -23.3539, -69.6084 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(76, 205, 108)` looks like.

```
.text, #text, p{  
    color:rgb(76, 205, 108)  
}
```

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(76, 205, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 205, 108) }
```

Border

The CSS property to change the border of an element to YUV 155.3710, -23.3539, -69.6084 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(76, 205, 108) }
```


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

```
.border{ border-color:rgb(76, 205, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 205, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 205, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 205, 108);  
box-shadow:4px 4px 4px 4px rgb(76, 205,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 155.3710, -23.3539, -69.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 205, 108) }
```

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

```
.background{ background-color: rgb(76, 205,  
108) }
```

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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