

Converting Colors

YUV(174.4590, -23.3973,
-55.6535)

Have a look what the booklet for
YUV(174.4590, -23.3973, -55.6535)
contains.

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Color

**YUV(174.4590, -23.3973,
-55.6535)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD87F
RGB	111, 216, 127
RGB Percent	44%, 85%, 50%
CMY	0.5647, 0.1529, 0.5020
CMYK	0.49, 0.00, 0.41, 0.15
HSL	129°, 57%, 64%
HSV	129°, 49%, 85%
XYZ	34.9422, 54.0235, 28.6646
YIQ	174.4590, -34.0110, -49.9390

Conversions

Conversions Part 2

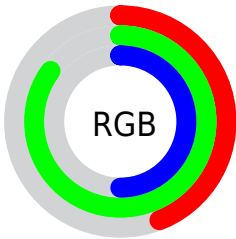
Format	Color
RYB	111, 202, 216
Decimal	7329919
CIELab	78.48, -49.04, 34.71
CIELCh	78, 60.077, 144.710
Yxy	54.0235, 0.2971, 0.4593
Android (android.graphics.Color)	4285519999 (0xFF6FD87F)
YUV	174.4590, -23.3973, -55.6535
Hunter-Lab	73.5007, -43.7675, 28.3279

Details

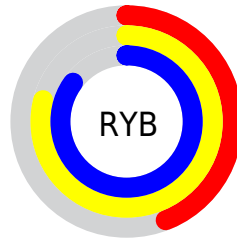
The YUV color **174.4590, -23.3973, -55.6535** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **152.5410, 23.3973, 55.6535**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5510, -19.4986, -46.0872**, and **117.8330, -20.6237, -58.6125** is the 20% darker color. If you saturate the color by 10%, you get **165.8290, -28.0167, -67.3790**, and if you desaturate by 10%, it is **183.0890, -18.7779, -43.9281**.

Distribution



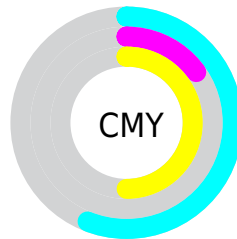
- Red (44%)
- Green (85%)
- Blue (50%)



- Red (44%)
- Yellow (79%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4590, -23.3973, -55.6535 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 174.4590, -23.3973, -55.6535 by changing the saturation by 10% instead.

■ 174.4590,
-23.3973, -55.6535

■ 174.4590,
-23.3973, -55.6535

255.0000, 0.0000,
0.0000

■ 146.3880,
-22.3763, -56.4683

■ 220.5510,
-19.4986, -46.0872

■ 117.8330,
-20.6237, -58.6125

■ 232.4140,
-11.5431, -31.0581

■ 85.1950, -16.3651,
-71.2080

■ 244.5760, -3.7350,
-15.4142

■ 66.0010, -18.7345,
-57.8829

■ 48.2480, -23.2933,
-42.3135

■ 34.0460, -16.7847,
-29.8583

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 174.4590,
-23.3973, -55.6535

■ 174.4590,
-23.3973, -55.6535

■ 165.8290,
-28.0167, -67.3790

■ 183.0890,
-18.7779, -43.9281

■ 157.3840,
-33.2203, -78.3898

■ 191.5340,
-13.5743, -32.9173

■ 148.7540,
-37.8397, -90.1153

■ 200.1640, -8.9549,
-21.1918

■ 140.4230,
-42.6065, -101.2260

■ 208.4950, -4.1880,
-10.0811

■ 131.6790,
-47.6627, -112.8515

■ 217.2390, 0.8682,
1.5444

■ 130.5540,
-48.0941, -114.4959

■ 225.8690, 5.4876,
13.2699

■ 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



184.0730, -47.8570, -3.5720



174.4590, -23.3973, -55.6535



150.4750, 15.5418, -131.9666

Triad

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



174.4590, -23.3973, -55.6535



158.6960, 47.4779, -108.4814



180.9220, -14.7515, 64.9664

Complementary

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



174.4590, -23.3973, -55.6535



152.5410, 23.3973, 55.6535

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.



186.0180, 9.8511, 60.4972



174.4590, -23.3973, -55.6535



190.6100, 31.7443, -8.4280

Square

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



174.4590, -23.3973, -55.6535



155.8620, 48.8750, -136.6910



199.2240, 27.4976, 47.1616



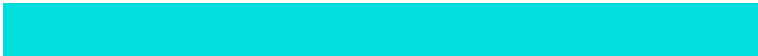
186.1300, -40.4901, 60.3990

Rectangle

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



174.4590, -23.3973, -55.6535



155.5080, 32.2876, -136.3805



199.2240, 27.4976, 47.1616



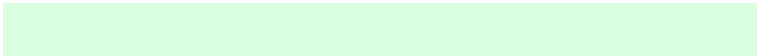
181.2130, -6.0210, 64.7112

Sweetspot

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



174.4590, -23.3973, -55.6535



239.9900, -8.3761, -20.1622



199.2460, -43.5053, 0.6613



118.8430, -5.3456, -12.1403



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.



174.4590, -23.3973, -55.6535



196.4980, -32.7835, -78.4897



180.3870, -0.6838, -60.8524



102.6850, -2.3097, -5.8627



103.3410, -38.1291, -90.6301



26.0390, -9.3862, -22.8362

Inverse Universe

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



152.5410, 23.3973, 55.6535



165.5020, 32.7835, 78.4897



146.6130, 0.6838, 60.8524



100.3150, 2.3097, 5.8627



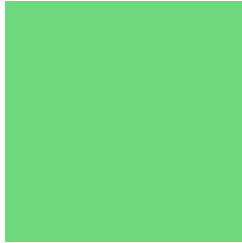
67.6590, 38.1291, 90.6301



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 174.4590, -23.3973, -55.6535 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 174.4590, -23.3973, -55.6535 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 174.4590, -23.3973, -55.6535 Background



This preview shows how black text looks on a background with the YUV color 174.4590, -23.3973, -55.6535.



This preview shows how white text looks on a background with the YUV color 174.4590, -23.3973, -55.6535.

-55.6535.

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

174.4590, -23.3973, -55.6535

Protanopia

189.8320, -35.4132, 18.5643

Deuteranopia

192.6410, -28.9100, 32.7638



Tritanopia

184.9970, 17.7495, -46.4784

Trichromacy



Original Color

174.4590, -23.3973, -55.6535



Protanomaly

184.1060, -31.1113, -7.9860



Deuteranomaly

185.8990, -27.0652, 0.9656



Tritanomaly

181.0770, 2.9200, -50.0565

Monochromacy



Original Color

174.4590, -23.3973, -55.6535



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9900, -8.3761, -20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4590, -23.3973, -55.6535 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(111, 216, 127)` looks like.

```
.text, #text, p{  
    color:rgb(111, 216, 127)  
}
```

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(111, 216, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 216, 127) }
```

Border

The CSS property to change the border of an element to YUV 174.4590, -23.3973, -55.6535 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(111, 216, 127) }
```


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

```
.border{ border-color:rgb(111, 216, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 216, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 216, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 216, 127); box-shadow:4px 4px 4px 4px rgb(111, 216, 127) }
```

Background

The CSS property to change the background color of an element to YUV 174.4590, -23.3973, -55.6535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 216, 127) }
```

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

```
.background{ background-color: rgb(111,  
216, 127) }
```

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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