

Converting Colors

YUV(173.2740, -22.8131,
-56.3683)

Have a look what the booklet for
YUV(173.2740, -22.8131, -56.3683)
contains.

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Color

**YUV(173.2740, -22.8131,
-56.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	6DD77F
RGB	109, 215, 127
RGB Percent	43%, 84%, 50%
CMY	0.5725, 0.1569, 0.5020
CMYK	0.49, 0.00, 0.41, 0.16
HSL	130°, 57%, 64%
HSV	130°, 49%, 84%
XYZ	34.4379, 53.3844, 28.5678
YIQ	173.2740, -34.9280, -49.8400

Conversions

Conversions Part 2

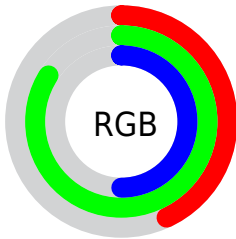
Format	Color
RYB	109, 200, 215
Decimal	7198591
CIELab	78.10, -49.16, 34.21
CIElCh	78, 59.887, 145.167
Yxy	53.3844, 0.2959, 0.4587
Android (android.graphics.Color)	4285388671 (0xFF6DD77F)
YUV	173.2740, -22.8131, -56.3683
Hunter-Lab	73.0646, -43.7299, 27.9632

Details

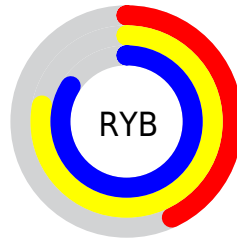
The YUV color **173.2740, -22.8131, -56.3683** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **150.7260, 22.8131, 56.3683**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9530, -19.2038, -47.3168**, and **116.3490, -19.8921, -59.9421** is the 20% darker color. If you saturate the color by 10%, you get **164.6440, -27.4325, -68.0938**, and if you desaturate by 10%, it is **181.9040, -18.1937, -44.6428**.

Distribution



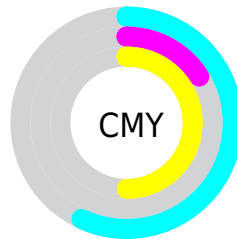
- Red (43%)
- Green (84%)
- Blue (50%)



- Red (43%)
- Yellow (78%)
- Blue (84%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (57%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2740, -22.8131, -56.3683 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 173.2740, -22.8131, -56.3683 by changing the saturation by 10% instead.

■ 173.2740,
-22.8131, -56.3683

■ 173.2740,
-22.8131, -56.3683

255.0000, 0.0000,
0.0000

■ 145.2030,
-21.7921, -57.1830

■ 219.9530,
-19.2038, -47.3168

■ 116.3490,
-19.8921, -59.9421

■ 231.8160,
-11.2483, -32.2876

■ 83.9990, -15.7755,
-73.6671

■ 243.9780, -3.4402,
-16.6437

■ 65.4140, -18.4451,
-57.3681

■ 47.7750, -22.5671,
-41.8987

■ 33.4590, -16.4953,
-29.3435

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 173.2740,
-22.8131, -56.3683

■ 173.2740,
-22.8131, -56.3683

■ 164.6440,
-27.4325, -68.0938

■ 181.9040,
-18.1937, -44.6428

■ 156.3130,
-32.1993, -79.2045

■ 190.2350,
-13.4269, -33.5321

■ 147.9820,
-36.9661, -90.3152


■ 198.8650, -8.8074,
-21.8066

■ 139.4660,
-41.1487, -102.1407


■ 207.0820, -4.4774,
-10.5959


■ 130.8360,
-45.7681, -113.8662

■ 215.7120, 0.1420,
1.1296

 130.4230,
-46.0575, -114.3810

 224.0430, 4.9088,
12.2403

 231.1780, 10.2652,
20.8919

 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



182.8880, -47.2728, -4.2868



173.2740, -22.8131, -56.3683



149.8880, 15.8312, -131.4518

Triad

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



173.2740, -22.8131, -56.3683



159.6040, 47.0302, -104.8927



180.6940, -15.6251, 65.1664

Complementary

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



173.2740, -22.8131, -56.3683



150.7260, 22.8131, 56.3683

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.



185.3170, 9.7037, 61.1120



173.2740, -22.8131, -56.3683



190.3220, 31.8863, -7.2984

Square

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



173.2740, -22.8131, -56.3683



155.2750, 49.1644, -136.1762



198.6370, 27.7870, 47.6764



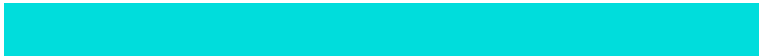
185.4290, -40.6375, 61.0138

Rectangle

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



173.2740, -22.8131, -56.3683



154.8070, 32.1401, -135.7657



198.6370, 27.7870, 47.6764



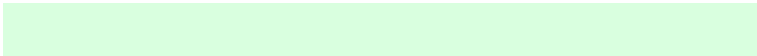
180.9850, -6.8946, 64.9112

Sweetspot

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



173.2740, -22.8131, -56.3683



239.9900, -8.3761, -20.1622



197.5340, -43.6473, -0.4683



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.



173.2740, -22.8131, -56.3683



195.9000, -32.4887, -79.7193



179.3160, 0.3372, -61.6671



102.6850, -2.3097, -5.8627



103.6830, -36.8187, -90.9300



26.0390, -9.3862, -22.8362

Inverse Universe

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



150.7260, 22.8131, 56.3683



163.9860, 32.0519, 79.8193



144.6840, -0.3372, 61.6671



100.3150, 2.3097, 5.8627



67.3170, 36.8187, 90.9300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 173.2740, -22.8131, -56.3683 looks on a white background.

Color Contrast Check

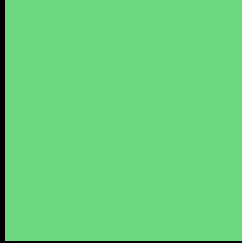
Large Text (above 18pt) WCAG AA × Fail

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 173.2740, -22.8131, -56.3683 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 173.2740, -22.8131, -56.3683 Background



This preview shows how black text looks on a background with the YUV color 173.2740, -22.8131, -56.3683.



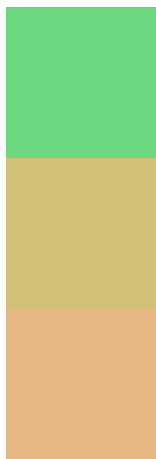
This preview shows how white text looks on a background with the YUV color 173.2740, -22.8131, -56.3683.

-56.3683.

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

173.2740, -22.8131, -56.3683

Protanopia

188.6470, -34.8290, 17.8496

Deuteranopia

191.7550, -28.4732, 32.6639



Tritanopia

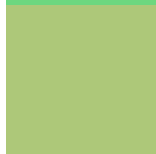
183.9970, 17.7495, -46.4784

Trichromacy



Original Color

173.2740, -22.8131, -56.3683



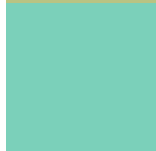
Protanomaly

182.9210, -30.5271, -8.7007



Deuteranomaly

184.7140, -26.4810, 0.2508



Tritanomaly

180.0770, 2.9200, -50.0565

Monochromacy



Original Color

173.2740, -22.8131, -56.3683



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9900, -8.3761, -20.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2740, -22.8131, -56.3683 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(109, 215, 127)` looks like.

```
.text, #text, p{  
    color:rgb(109, 215, 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(109, 215, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 215, 127) }
```

Border

The CSS property to change the border of an element to YUV 173.2740, -22.8131, -56.3683 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(109, 215, 127) }
```


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

```
.border{ border-color:rgb(109, 215, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 215, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 215, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 215, 127);  
box-shadow:4px 4px 4px 4px rgb(109, 215,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 173.2740, -22.8131, -56.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 215, 127) }
```

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

```
.background{ background-color: rgb(109,  
215, 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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