

Converting Colors

YUV(145.0690, -22.2190,
-107.0545)

Have a look what the booklet for
YUV(145.0690, -22.2190, -107.0545)
contains.

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Color

**YUV(145.0690, -22.2190,
-107.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	17D864
RGB	23, 216, 100
RGB Percent	9%, 85%, 39%
CMY	0.9098, 0.1529, 0.6078
CMYK	0.89, 0.00, 0.54, 0.15
HSL	144°, 81%, 47%
HSV	144°, 89%, 85%
XYZ	27.2095, 50.2140, 20.3148
YIQ	145.0690, -77.7920, -76.9920

Conversions

Conversions Part 2

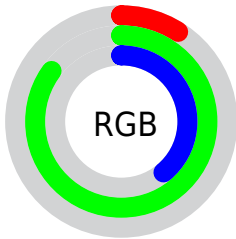
Format	Color
R_{YB}	23, 161, 216
Decimal	1562724
CIE _{Lab}	76.20, -67.88, 44.68
CIE _{LCh}	76, 81.270, 146.646
Yxy	50.2140, 0.2784, 0.5138
Android (android.graphics.Color)	4279752804 (0xFF17D864)
YUV	145.0690, -22.2190, -107.0545
Hunter-Lab	70.8618, -55.4679, 32.6059

Details

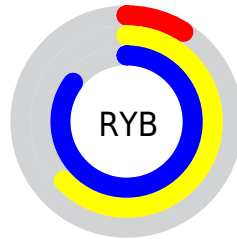
The YUV color **145.0690, -22.2190, -107.0545** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **93.9310, 22.2190, 107.0545**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0170, -23.1794, -78.9449**, and **98.8050, -25.0469, -86.6520** is the 20% darker color. If you saturate the color by 10%, you get **137.0090, -24.6544, -119.2799**, and if you desaturate by 10%, it is **153.1290, -19.7836, -94.8291**.

Distribution



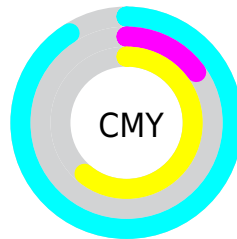
- Red (9%)
- Green (85%)
- Blue (39%)



- Red (9%)
- Yellow (63%)
- Blue (85%)



- Cyan (89%)
- Magenta (0%)
- Yellow (54%)
- Black (15%)



- Cyan (91%)
- Magenta (15%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0690, -22.2190, -107.0545 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 145.0690, -22.2190, -107.0545 by changing the saturation by 10% instead.

■ 145.0690,
-22.2190, -107.0545

■ 145.0690,
-22.2190, -107.0545

■ 255.0000, 0.0000,
0.0000

■ 118.2050,
-21.7931, -103.6658

■ 200.0170,
-23.1794, -78.9449

■ 98.8050, -25.0469,
-86.6520

■ 213.0760,
-15.8135, -61.4567

■ 79.7640, -29.4637,
-69.9530

■ 225.5370, -8.1527,
-45.1979

■ 62.2220, -30.6754,
-54.5687

■ 238.1120, -0.0552,
-29.0392

■ 46.9600, -23.1513,
-41.1839

■ 249.3190, 2.8007,
-11.6808

■ 32.8720, -16.2059,
-28.8287

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 145.0690,
-22.2190, -107.0545

■ 145.0690,
-22.2190, -107.0545

■ 137.0090,
-24.6544, -119.2799

■ 153.1290,
-19.7836, -94.8291

■ 136.5960,
-24.9438, -119.7947

■ 160.8900,
-17.2008, -83.2185

■ 168.9500,
-14.7653, -70.9931

■ 176.7110,
-12.1825, -59.3825

■ 184.7710, -9.7471,
-47.1572

■ 192.8310, -7.3117,
-34.9318

■ 200.5920, -4.7289,
-23.3212

■ 208.6520, -2.2934,
-11.0958

■ 216.4130, 0.2894,
0.5148

Harmonies

Analogous

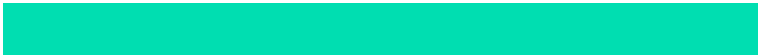
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.3670, -70.6799, -9.9689



145.0690, -22.2190, -107.0545



150.4920, 13.0684, -131.9815

Triad

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



145.0690, -22.2190, -107.0545



145.8830, 53.7947, -127.9394



160.9350, -17.7160, 82.4950

Complementary

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



145.0690, -22.2190, -107.0545



93.9310, 22.2190, 107.0545

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.



164.2020, 17.6484, 79.6298



145.0690, -22.2190, -107.0545



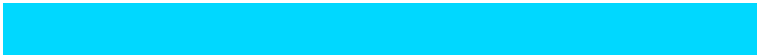
180.5650, 36.6965, -10.1425

Square

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



145.0690, -22.2190, -107.0545



155.8620, 48.8750, -136.6910



185.1470, 34.4375, 61.2611



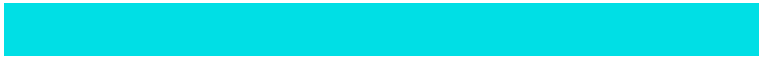
171.4940, -55.9525, 73.2348

Rectangle

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



145.0690, -22.2190, -107.0545



157.0070, 35.4925, -137.6951



185.1470, 34.4375, 61.2611



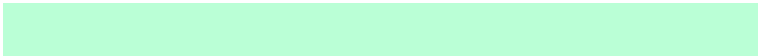
159.5620, -5.2071, 83.6991

Sweetspot

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



145.0690, -22.2190, -107.0545



229.6950, -7.7376, -38.3205



171.8720, -73.3939, -26.1977



112.8910, -4.8763, -22.7064



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.



145.0690, -22.2190, -107.0545



161.3130, -29.2413, -141.4715



155.6710, 18.4032, -116.3525



103.0270, -0.9993, -6.1627



108.1290, -19.7836, -94.8291



27.1790, -5.0182, -23.8360

Inverse Universe

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



93.9310, 22.2190, 107.0545



93.6870, 29.2413, 141.4715



83.3290, -18.4032, 116.3525



100.0870, 1.4361, 6.0627



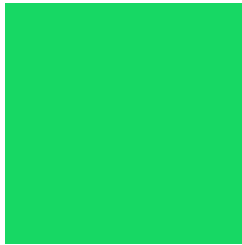
62.8710, 19.7836, 94.8291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 145.0690, -22.2190, -107.0545 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 145.0690, -22.2190, -107.0545 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 145.0690, -22.2190, -107.0545 Background



This preview shows how black text looks on a background with the YUV color 145.0690, -22.2190, -107.0545.



This preview shows how white text looks on a background with the YUV color 145.0690, -22.2190, -107.0545.

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

145.0690, -22.2190, -107.0545

Protanopia

181.0360, -44.8807, 21.8934

Deuteranopia

184.6000, -36.7778, 36.3078



Tritanopia

169.9550, 24.6722, -73.6285

Trichromacy



Original Color

145.0690, -22.2190, -107.0545



Protanomaly

167.9160, -36.4406, -25.3593



Deuteranomaly

170.2360, -31.6683, -15.9930



Tritanomaly

160.9970, 7.3965, -85.9434

Monochromacy



Original Color

145.0690, -22.2190, -107.0545



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.2820, -8.0270, -38.8353

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0690, -22.2190, -107.0545 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(23, 216, 100)` looks like.

```
.text, #text, p{  
    color:rgb(23, 216, 100)  
}
```

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(23, 216, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 216, 100) }
```

Border

The CSS property to change the border of an element to YUV 145.0690, -22.2190, -107.0545 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(23, 216, 100) }
```


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

```
.border{ border-color:rgb(23, 216, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 216, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 216, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 216, 100);  
box-shadow:4px 4px 4px 4px rgb(23, 216,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 145.0690, -22.2190, -107.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 216, 100) }
```

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

```
.background{ background-color: rgb(23, 216,  
100) }
```

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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