

# Converting Colors

YUV(204.6570, 3.1271,  
-69.8592)

Have a look what the booklet for  
YUV(204.6570, 3.1271, -69.8592)  
contains.

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# Color

**YUV(204.6570, 3.1271,  
-69.8592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DF4D3
RGB	125, 244, 211
RGB Percent	49%, 96%, 83%
CMY	0.5098, 0.0431, 0.1725
CMYK	0.49, 0.00, 0.14, 0.04
HSL	163°, 84%, 72%
HSV	163°, 49%, 96%
XYZ	52.5660, 73.7645, 73.0955
YIQ	204.6570, -60.3310, -35.4910

# Conversions

## Conversions Part 2

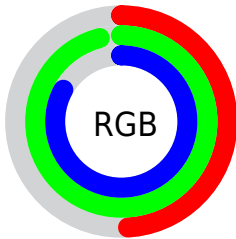
Format	Color
<b>RYB</b>	125, 194, 244
Decimal	8254675
CIELab	88.81, -41.35, 5.59
CIELCh	89, 41.730, 172.306
Yxy	73.7645, 0.2636, 0.3699
Android (android.graphics.Color)	4286444755 (0xFF7DF4D3)
YUV	204.6570, 3.1271, -69.8592
Hunter-Lab	85.8863, -41.0514, 9.6603

# Details

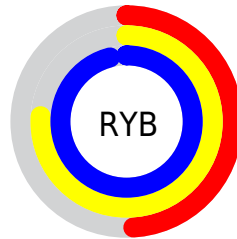
The YUV color  $204.6570, 3.1271, -69.8592$  is a light color, and the websafe version is hex  $99FFCC$ . A complement of this color would be  $164.3430, -3.1271, 69.8592$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $233.7710, 10.4659, -43.6492$ , and  $146.5040, 5.1745, -73.2330$  is the 20% darker color. If you saturate the color by 10%, you get  $196.6830, 3.6073, -83.9140$ , and if you desaturate by 10%, it is  $212.6310, 2.6469, -55.8044$ .

# Distribution



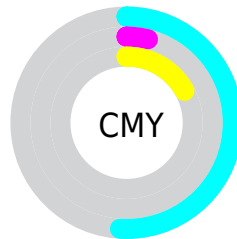
- Red (49%)
- Green (96%)
- Blue (83%)



- Red (49%)
- Yellow (76%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.6570, 3.1271, -69.8592 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 204.6570, 3.1271, -69.8592 by changing the saturation by 10% instead.



204.6570, 3.1271,  
-69.8592

204.6570, 3.1271,  
-69.8592

255.0000, 0.0000,  
0.0000

175.4720, 3.7113,  
-70.5739

233.7710, 10.4659,  
-43.6492

146.5040, 5.1745,  
-73.2330

242.7410, 6.0437,  
-25.2059

115.0190, 7.3856,  
-82.4547

251.7110, 1.6215,  
-6.7625

90.0410, 7.3748,  
-78.9660

72.0430, 4.4158,  
-63.1817

54.7460, 1.6042,  
-48.0122

38.2640, -0.6232,

-33.5575

■ 23.5430, -3.7187,  
-20.6472

■ 0.0000, 0.0000,  
0.0000

■ 204.6570, 3.1271,  
-69.8592

■ 204.6570, 3.1271,  
-69.8592

■ 196.6830, 3.6073,  
-83.9140

■ 212.6310, 2.6469,  
-55.8044

■ 188.4100, 4.2349,  
-98.5836

■ 220.9040, 2.0193,  
-41.1348

■ 180.5500, 5.1519,  
-112.7383

■ 228.7640, 1.1023,  
-26.9800

■ 172.2770, 5.7794,  
-127.4079

■ 237.0370, 0.4748,  
-12.3104

■ 164.3030, 6.2596,  
-141.4627

■ 245.0110, -0.0054,  
1.7444

■ 163.2920, 6.2650,  
-143.2071

■ 248.2010, 1.8729,  
5.9627

■ 248.5430, 3.1833,  
5.6628

# Harmonies

## Analogous

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



212.0410, -19.2472, -33.3620



204.6570, 3.1271, -69.8592



197.0720, 27.0795, -99.1641

# Triad

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



204.6570, 3.1271, -69.8592



219.8480, 17.3299, -5.1287



214.4610, -25.8633, 35.5527

# Complementary

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



204.6570, 3.1271, -69.8592



164.3430, -3.1271, 69.8592

# 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.



212.3530, -8.5550, 37.4014



204.6570, 3.1271, -69.8592



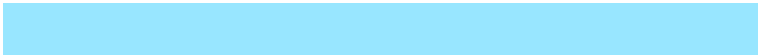
223.8890, 15.3377, 27.2843

# Square

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



204.6570, 3.1271, -69.8592



209.5280, 22.4177, -50.4521



216.9130, 8.9169, 33.4023



220.0400, -37.4877, 30.6599



# Rectangle

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



204.6570, 3.1271, -69.8592



195.9410, 29.1161, -99.0493



216.9130, 8.9169, 33.4023



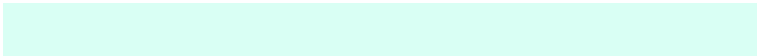
213.1390, -20.7745, 36.7121

# Sweetspot

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



204.6570, 3.1271, -69.8592



242.3840, 0.7967, -22.2618



205.0190, -39.4494, -40.3587



120.3250, 0.3328, -13.4400



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.



204.6570, 3.1271, -69.8592



205.3620, 3.7655, -88.0175



193.1570, 25.0656, -59.7737



118.0700, 0.4585, -7.0774



124.5720, 5.1410, -109.2496



39.4210, 1.2714, -34.5722



# Inverse Universe

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



164.3430, -3.1271, 69.8592



154.5240, -4.2023, 88.1175



175.8430, -25.0656, 59.7737



114.0440, -0.0217, 6.9774



61.5420, -4.7042, 109.1497

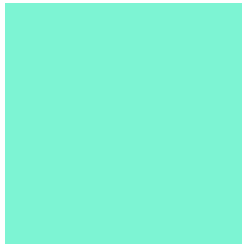


19.4650, -1.7082, 34.6722



# Previews

## White Background



This preview shows how the YUV color 204.6570, 3.1271, -69.8592 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

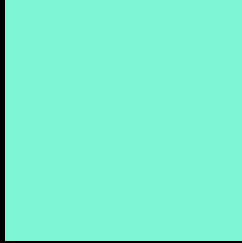
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.6570, 3.1271, -69.8592 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

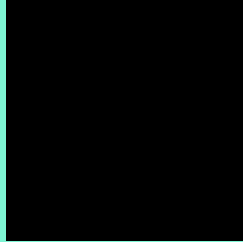
Any Text WCAG AA ✓ Pass

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 204.6570, 3.1271, -69.8592 Background



This preview shows how black text looks on a background with the YUV color 204.6570, 3.1271, -69.8592.



This preview shows how white text looks on a background with the YUV color 204.6570, 3.1271, -69.8592.

-69.8592.

# 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

204.6570, 3.1271, -69.8592

### Protanopia

221.4820, -11.0836, 8.3473

### Deuteranopia

223.3120, -3.1118, 18.1434



## Tritanopia

211.2450, 21.5712, -58.9739

# Trichromacy



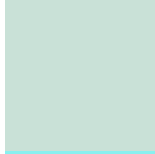
## Original Color

204.6570, 3.1271, -69.8592



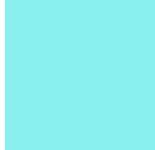
## Protanomaly

214.9730, -5.9027, -20.1473



## Deuteranomaly

216.6840, -0.8302, -13.7549



## Tritanomaly

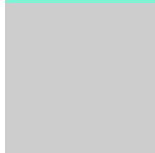
209.0890, 14.7461, -63.2221

# Monochromacy



## Original Color

204.6570, 3.1271, -69.8592



## Achromatopsia

205.0000, 0.0000, 0.0000



## Achromatomaly

204.7750, 1.0969, -25.2357

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.6570, 3.1271, -69.8592 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(125, 244, 211)` looks like.

```
.text, #text, p{  
    color:rgb(125, 244, 211)  
}
```

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(125, 244, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 244, 211) }
```

## Border

The CSS property to change the border of an element to YUV 204.6570, 3.1271, -69.8592 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(125, 244, 211) }
```



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

```
.border{ border-color:rgb(125, 244, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 244, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 244, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 244, 211);  
box-shadow:4px 4px 4px 4px rgb(125, 244,  
211) }
```

# Background

The CSS property to change the background color of an element to YUV 204.6570, 3.1271, -69.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 244, 211) }
```

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

```
.background{ background-color: rgb(125,  
244, 211) }
```

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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