

Converting Colors

YUV(204.9580, -23.6433,
-70.1232)

Have a look what the booklet for
YUV(204.9580, -23.6433, -70.1232)
contains.

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Color

**YUV(204.9580, -23.6433,
-70.1232)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFF9D
RGB	125, 255, 157
RGB Percent	49%, 100%, 62%
CMY	0.5098, 0.0000, 0.3843
CMYK	0.51, 0.00, 0.38, 0.00
HSL	135°, 100%, 75%
HSV	135°, 51%, 100%
XYZ	50.3033, 78.3143, 44.3632
YIQ	204.9580, -46.0220, -58.0380

Conversions

Conversions Part 2

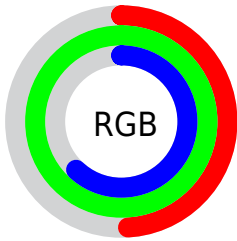
Format	Color
RYB	125, 229, 255
Decimal	8257437
CIELab	90.92, -56.43, 36.08
CIELCh	91, 66.982, 147.407
Yxy	78.3143, 0.2908, 0.4527
Android (android.graphics.Color)	4286447517 (0xFF7DFF9D)
YUV	204.9580, -23.6433, -70.1232
Hunter-Lab	88.4954, -53.4025, 32.2244

Details

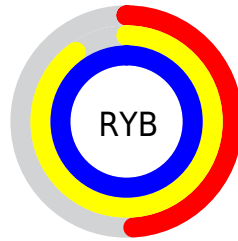
The YUV color **204.9580, -23.6433, -70.1232** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **175.0420, 23.6433, 70.1232**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1680, -8.4638, -38.7353**, and **145.7340, -20.5749, -74.3117** is the 20% darker color. If you saturate the color by 10%, you get **195.3170, -28.2573, -83.5930**, and if you desaturate by 10%, it is **214.8980, -19.1767, -56.0385**.

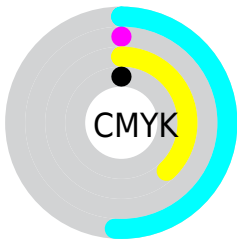
Distribution



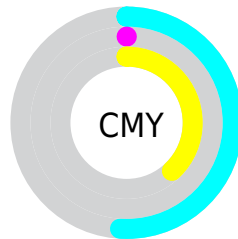
- Red (49%)
- Green (100%)
- Blue (62%)



- Red (49%)
- Yellow (90%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9580, -23.6433, -70.1232 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 204.9580, -23.6433, -70.1232 by changing the saturation by 10% instead.

204.9580,
-23.6433, -70.1232

204.9580,
-23.6433, -70.1232

255.0000, 0.0000,
0.0000

175.5880,
-22.4749, -71.5527

229.1680, -8.4638,
-38.7353

145.7340,
-20.5749, -74.3117

241.4440, -0.2189,
-23.1914

112.0960,
-16.3163, -86.9072

252.0100, 1.4741,
-6.1478

89.6240, -17.0696,
-78.6002

71.5120, -20.4654,
-62.7160

53.1720, -24.7348,
-46.6318

38.1550, -18.8104,

-33.4619

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 204.9580,
-23.6433, -70.1232

■ 204.9580,
-23.6433, -70.1232

■ 195.3170,
-28.2573, -83.5930

■ 214.8980,
-19.1767, -56.0385

■ 185.3770,
-32.7239, -97.6776

■ 224.5390,
-14.5627, -42.5687

■ 175.6220,
-37.7746, -111.0475

■ 234.5930, -9.6593,
-28.5841

■ 165.6820,
-42.2412, -125.1321

■ 244.2340, -5.0454,
-15.1142

■ 156.8670,
-46.2764, -137.5724

254.1740, -0.5788,
-1.0296

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



216.9600, -53.2243, -8.7349



204.9580, -23.6433, -70.1232



174.8790, 22.7377, -153.3689

Triad

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



204.9580, -23.6433, -70.1232



193.2940, 30.4211, -97.6048



201.0400, -13.8237, 47.3229

Complementary

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



204.9580, -23.6433, -70.1232



175.0420, 23.6433, 70.1232

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.



205.4010, 15.5783, 43.4983



204.9580, -23.6433, -70.1232



221.6640, 16.4346, 2.0487

Square

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



204.9580, -23.6433, -70.1232



177.5810, 38.1676, -155.7385



216.2580, 19.0998, 33.9767



207.5530, -42.1776, 41.6110

Rectangle

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



204.9580, -23.6433, -70.1232



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767



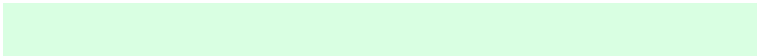
201.0860, -3.4934, 47.2826

Sweetspot

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



204.9580, -23.6433, -70.1232



240.3320, -7.0657, -20.4622



231.2100, -52.3615, -5.4462



119.0710, -4.4720, -12.3403



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.



204.9580, -23.6433, -70.1232



195.0180, -28.1099, -84.2078



212.1400, 3.8750, -76.4218



122.9730, -2.4517, -6.9923



117.4750, -34.7442, -103.0256



39.3920, -11.5323, -34.5468

Inverse Universe

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



175.0420, 23.6433, 70.1232



159.0960, 28.5467, 84.1078



167.8600, -3.8750, 76.4218



119.9130, 2.0149, 7.0923



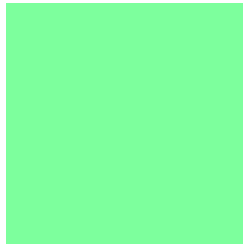
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 204.9580, -23.6433, -70.1232 looks on a white background.

Color Contrast Check

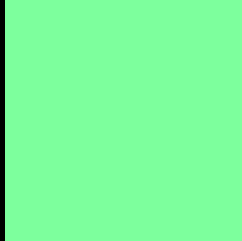
Large Text (above 18pt) WCAG AA × Fail

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 204.9580, -23.6433, -70.1232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

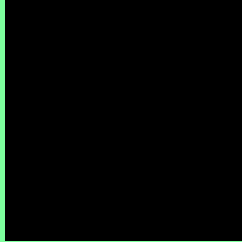
Any Text WCAG AA ✓ Pass

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 204.9580, -23.6433, -70.1232 Background



This preview shows how black text looks on a background with the YUV color 204.9580, -23.6433, -70.1232.



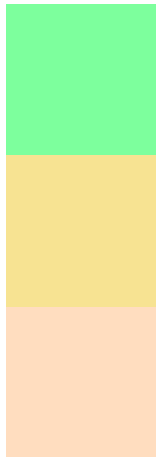
This preview shows how white text looks on a background with the YUV color 204.9580, -23.6433, -70.1232.

-70.1232.

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

204.9580, -23.6433, -70.1232

Protanopia

223.7460, -38.3288, 20.3938

Deuteranopia

227.7460, -18.1158, 23.9018



Tritanopia

220.4920, 17.0124, -43.4045

Trichromacy



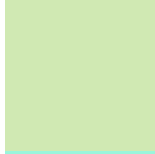
Original Color

204.9580, -23.6433, -70.1232



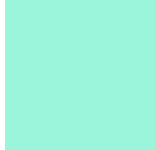
Protanomaly

216.9160, -32.9896, -12.2043



Deuteranomaly

219.3690, -19.9019, -9.9706



Tritanomaly

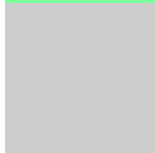
214.8270, 2.0573, -53.3453

Monochromacy



Original Color

204.9580, -23.6433, -70.1232



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.9570, -8.3598, -25.3953

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9580, -23.6433, -70.1232 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, 255, 157)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 157)  
}
```

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, 255, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 157) }
```

Border

The CSS property to change the border of an element to YUV 204.9580, -23.6433, -70.1232 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, 255, 157) }
```


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

```
.border{ border-color:rgb(125, 255, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 157);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 204.9580, -23.6433, -70.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 157) }
```

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

```
.background{ background-color: rgb(125,  
255, 157) }
```

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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