

Converting Colors

YUV(205.7630, -24.5332,
-64.6902)

Have a look what the booklet for
YUV(205.7630, -24.5332, -64.6902)
contains.

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Color

**YUV(205.7630, -24.5332,
-64.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	84FD9C
RGB	132, 253, 156
RGB Percent	52%, 99%, 61%
CMY	0.4824, 0.0078, 0.3882
CMYK	0.48, 0.00, 0.38, 0.01
HSL	132°, 97%, 75%
HSV	132°, 48%, 99%
XYZ	50.6417, 77.5564, 43.7533
YIQ	205.7630, -40.9790, -55.8190

Conversions

Conversions Part 2

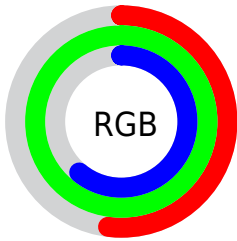
Format	Color
RYB	132, 233, 253
Decimal	8715676
CIELab	90.58, -54.04, 36.17
CIELCh	91, 65.024, 146.206
Yxy	77.5564, 0.2945, 0.4510
Android (android.graphics.Color)	4286905756 (0xFF84FD9C)
YUV	205.7630, -24.5332, -64.6902
Hunter-Lab	88.0661, -51.4706, 32.1896

Details

The YUV color **205.7630, -24.5332, -64.6902** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **179.2370, 24.5332, 64.6902**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8480, -9.7851, -34.9467**, and **147.5500, -21.4701, -67.1343** is the 20% darker color. If you saturate the color by 10%, you get **196.0080, -29.5839, -78.0600**, and if you desaturate by 10%, it is **215.5180, -19.4824, -51.3203**.

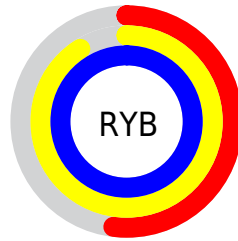
Distribution



Red (52%)

Green (99%)

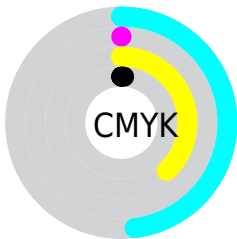
Blue (61%)



Red (52%)

Yellow (91%)

Blue (99%)

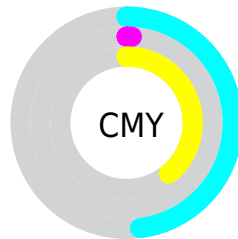


Cyan (48%)

Magenta (0%)

Yellow (38%)

Black (1%)



Cyan (48%)

Magenta (1%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.7630, -24.5332, -64.6902 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 205.7630, -24.5332, -64.6902 by changing the saturation by 10% instead.

■ 205.7630,
-24.5332, -64.6902

■ 205.7630,
-24.5332, -64.6902

■ 255.0000, 0.0000,
0.0000

■ 176.6920,
-23.5122, -65.5049

■ 230.8480, -9.7851,
-34.9467

■ 147.5500,
-21.4701, -67.1343

■ 243.1240, -1.5401,
-19.4027

■ 117.6740,
-19.5593, -73.3821

■ 253.8040, 0.5896,
-2.4591

■ 88.3360, -16.9276,
-77.4707

■ 70.2240, -20.3234,
-61.5864

■ 51.8840, -24.5928,
-45.5023

■ 37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 205.7630,
-24.5332, -64.6902

■ 205.7630,
-24.5332, -64.6902

■ 196.0080,
-29.5839, -78.0600

■ 215.5180,
-19.4824, -51.3203

■ 185.8400,
-34.9241, -91.9447

■ 225.6860,
-14.1422, -37.4356

■ 176.0850,
-39.9749, -105.3145

■ 235.4410, -9.0914,
-24.0658

■ 166.3300,
-45.0257, -118.6844

■ 245.1960, -4.0406,
-10.6959

■ 156.5750,
-50.0765, -132.0543

253.8260, 0.5788,
1.0296

■ 154.2110,
-51.3760, -135.2430

Harmonies

Analogous

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



216.9110, -52.2141, -6.0609



205.7630, -24.5332, -64.6902



174.5370, 21.4273, -153.0689

Triad

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



205.7630, -24.5332, -64.6902



193.0060, 30.5630, -96.4753



201.3820, -12.5133, 47.0230

Complementary

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



205.7630, -24.5332, -64.6902



179.2370, 24.5332, 64.6902

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.



206.2160, 16.1625, 42.7836



205.7630, -24.5332, -64.6902



220.7560, 16.8823, -1.5400

Square

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



205.7630, -24.5332, -64.6902



176.9940, 38.4570, -155.2237



216.8450, 18.8104, 33.4619



207.4220, -40.1410, 41.7259

Rectangle

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



205.7630, -24.5332, -64.6902



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619



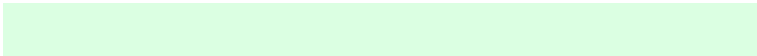
202.0150, -2.4724, 46.4678

Sweetspot

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



205.7630, -24.5332, -64.6902



240.9300, -7.3605, -19.2326



232.6280, -49.6096, -1.4278



119.3700, -4.6194, -11.7255



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.



205.7630, -24.5332, -64.6902



198.3070, -29.7314, -77.4452



212.4890, 1.2379, -70.5889



122.8590, -2.8885, -6.8923



116.4490, -38.6754, -102.1258



39.0500, -12.8426, -34.2468

Inverse Universe

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



179.2370, 24.5332, 64.6902



166.5790, 29.2946, 77.5452



172.5110, -1.2379, 70.5889



120.0270, 2.4517, 6.9923



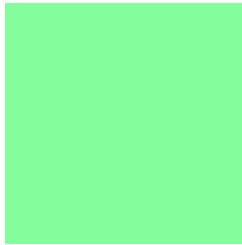
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 205.7630, -24.5332, -64.6902 looks on a white background.

Color Contrast Check

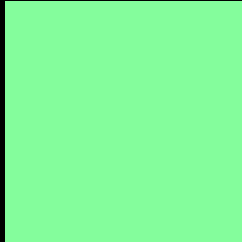
Large Text (above 18pt) WCAG AA × Fail

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 205.7630, -24.5332, -64.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

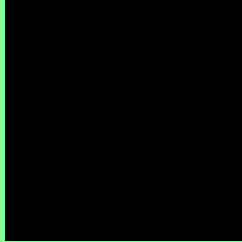
Any Text WCAG AA ✓ Pass

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 205.7630, -24.5332, -64.6902 Background



This preview shows how black text looks on a background with the YUV color 205.7630, -24.5332, -64.6902.



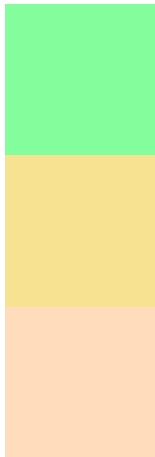
This preview shows how white text looks on a background with the YUV color 205.7630, -24.5332, -64.6902.

-64.6902.

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

205.7630, -24.5332, -64.6902

Protanopia

222.7460, -38.3288, 20.3938

Deuteranopia

226.8170, -19.1368, 24.7165



Tritanopia

219.3070, 17.5966, -44.1192

Trichromacy



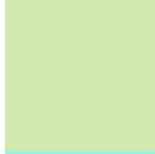
Original Color

205.7630, -24.5332, -64.6902



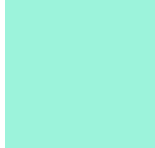
Protanomaly

216.8130, -33.4318, -10.3600



Deuteranomaly

219.0380, -21.2177, -7.9263



Tritanomaly

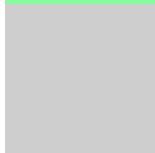
214.2510, 2.3413, -51.0861

Monochromacy



Original Color

205.7630, -24.5332, -64.6902



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.8540, -8.8020, -23.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.7630, -24.5332, -64.6902 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(132, 253, 156)` looks like.

```
.text, #text, p{  
    color:rgb(132, 253, 156)  
}
```

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(132, 253, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 253, 156) }
```

Border

The CSS property to change the border of an element to YUV 205.7630, -24.5332, -64.6902 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(132, 253, 156) }
```


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

```
.border{ border-color:rgb(132, 253, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 253, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 253, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 253, 156); box-shadow:4px 4px 4px 4px rgb(132, 253, 156) }
```

Background

The CSS property to change the background color of an element to YUV 205.7630, -24.5332, -64.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 253, 156) }
```

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

```
.background{ background-color: rgb(132,  
253, 156) }
```

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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