

Converting Colors

YUV(205.5320, 19.4577,
-81.1506)

Have a look what the booklet for
YUV(205.5320, 19.4577, -81.1506)
contains.

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Color

**YUV(205.5320, 19.4577,
-81.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	71F5F5
RGB	113, 245, 245
RGB Percent	44%, 96%, 96%
CMY	0.5569, 0.0392, 0.0392
CMYK	0.54, 0.00, 0.00, 0.04
HSL	180°, 87%, 70%
HSV	180°, 54%, 96%
XYZ	55.9439, 75.4081, 97.9929
YIQ	205.5320, -78.6720, -27.9840

Conversions

Conversions Part 2

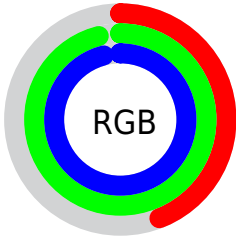
Format	Color
RYB	113, 179, 245
Decimal	7468533
CIELab	89.58, -36.08, -11.06
CIElCh	90, 37.732, 197.038
Yxy	75.4081, 0.2439, 0.3288
Android (android.graphics.Color)	4285658613 (0xFF71F5F5)
YUV	205.5320, 19.4577, -81.1506
Hunter-Lab	86.8378, -36.9704, -6.1198

Details

The YUV color **205.5320, 19.4577, -81.1506** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **152.4680, -19.4577, 81.1506**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **143.5630, 22.4004, -91.7018** is the 20% darker color. If you saturate the color by 10%, you get **198.3560, 22.9955, -95.9052**, and if you desaturate by 10%, it is **213.0070, 15.7725, -65.7811**.

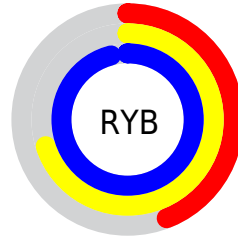
Distribution



Red (44%)

Green (96%)

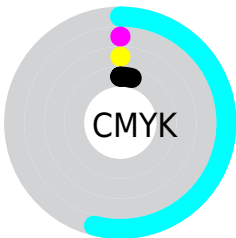
Blue (96%)



Red (44%)

Yellow (70%)

Blue (96%)

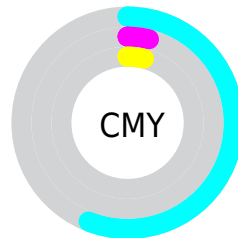


Cyan (54%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5320, 19.4577, -81.1506 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 205.5320, 19.4577, -81.1506 by changing the saturation by 10% instead.

205.5320, 19.4577,
-81.1506

205.5320, 19.4577,
-81.1506

255.0000, 0.0000,
0.0000

175.4500, 20.4842,
-83.7096

231.0800, 11.7926,
-49.1822

143.5630, 22.4004,
-91.7018

240.0500, 7.3704,
-30.7388

112.9750, 24.1693,
-99.0791

249.3190, 2.8007,
-11.6808

94.1620, 20.6261,
-82.5801

75.9360, 16.7936,
-66.5959

58.5250, 13.5452,
-51.3264

41.8150, 10.4442,

-36.6718

■ 27.5670, 6.6225,
-24.1763

■ 2.9810, 8.8834,
-2.6143

■ 205.5320, 19.4577,
-81.1506

■ 205.5320, 19.4577,
-81.1506

■ 198.3560, 22.9955,
-95.9052

■ 213.0070, 15.7725,
-65.7811

■ 190.8810, 26.6807,
-111.2746

■ 220.1830, 12.2348,
-51.0265

■ 183.7050, 30.2184,
-126.0293

■ 227.6580, 8.5496,
-35.6571

■ 176.2300, 33.9036,
-141.3987

■ 234.8340, 5.0118,
-20.9024

■ 171.7450, 36.1147,
-150.6204

■ 242.3090, 1.3267,
-5.5330

■ 247.9900, -1.4741,
6.1478

Harmonies

Analogous

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



210.8930, -1.4262, -56.0342



205.5320, 19.4577, -81.1506



204.3240, 24.9833, -80.0911

Triad

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



205.5320, 19.4577, -81.1506



227.9980, 13.3120, 23.6808



221.8810, -32.9723, 29.0454

Complementary

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



205.5320, 19.4577, -81.1506



152.4680, -19.4577, 81.1506

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.



217.0030, -21.2005, 33.3234



205.5320, 19.4577, -81.1506



221.2330, 10.2381, 29.6137

Square

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



205.5320, 19.4577, -81.1506



221.5760, 16.4780, -11.9062



216.5420, -5.1972, 33.7277



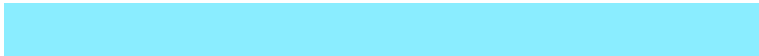
220.6780, -31.8863, 7.2984

Rectangle

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



205.5320, 19.4577, -81.1506



209.4510, 22.4557, -62.6625



216.5420, -5.1972, 33.7277



219.5160, -29.3414, 31.1195

Sweetspot

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



205.5320, 19.4577, -81.1506



242.7410, 6.0437, -25.2059



190.4840, -38.1996, -67.9535



120.5250, 3.6852, -15.3694



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.



205.5320, 19.4577, -81.1506



205.3660, 24.4696, -102.0530



166.7900, 38.5575, -47.1738



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Inverse Universe

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



167.5160, 38.1996, 67.9535



157.5580, 48.0389, 85.4566



191.2100, -38.5575, 47.1738



114.9560, 3.4727, 6.1776



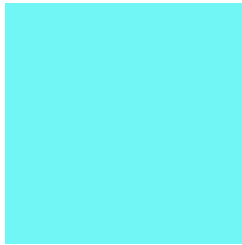
76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 205.5320, 19.4577, -81.1506 looks on a white background.

Color Contrast Check

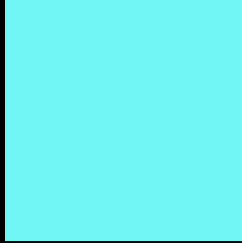
Large Text (above 18pt) WCAG AA × Fail

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 205.5320, 19.4577, -81.1506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

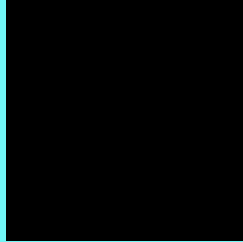
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.5320, 19.4577, -81.1506

Background



This preview shows how black text looks on a background with the YUV color 205.5320, 19.4577, -81.1506.



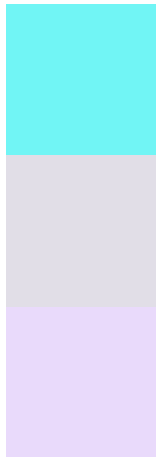
This preview shows how white text looks on a background with the YUV color 205.5320, 19.4577, -81.1506.

-81.1506.

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

205.5320, 19.4577, -81.1506

Protanopia

223.9230, 3.4890, 0.9445

Deuteranopia

226.2470, 12.2032, 5.9224



Tritanopia

213.3160, 20.5502, -58.1591

Trichromacy



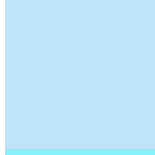
Original Color

205.5320, 19.4577, -81.1506



Protanomaly

216.9300, 9.4015, -28.8796



Deuteranomaly

218.7330, 14.9216, -26.0758



Tritanomaly

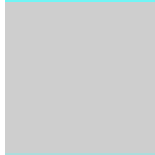
210.4460, 19.9931, -66.1661

Monochromacy



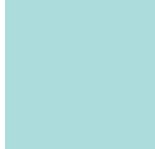
Original Color

205.5320, 19.4577, -81.1506



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.6480, 7.0755, -29.5093

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5320, 19.4577, -81.1506 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(113, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(113, 245, 245)  
}
```

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(113, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 245, 245) }
```

Border

The CSS property to change the border of an element to YUV 205.5320, 19.4577, -81.1506 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(113, 245, 245) }
```


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

```
.border{ border-color:rgb(113, 245, 245) }
```

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

Here you see how a box with a 4 pixel rgb(113, 245, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(113, 245,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 205.5320, 19.4577, -81.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 245, 245) }
```

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

```
.background{ background-color: rgb(113,  
245, 245) }
```

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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