

Converting Colors

YUV(205.2230, 18.1311,
-75.6176)

Have a look what the booklet for
YUV(205.2230, 18.1311, -75.6176)
contains.

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Color

**YUV(205.2230, 18.1311,
-75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	77F2F2
RGB	119, 242, 242
RGB Percent	47%, 95%, 95%
CMY	0.5333, 0.0510, 0.0510
CMYK	0.51, 0.00, 0.00, 0.05
HSL	180°, 83%, 71%
HSV	180°, 51%, 95%
XYZ	55.3869, 73.8370, 95.3372
YIQ	205.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

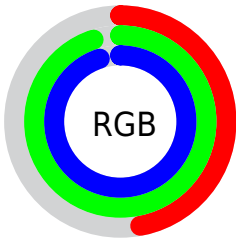
Format	Color
R_{YB}	119, 181, 242
Decimal	7860978
CIE _{Lab}	88.85, -34.29, -10.57
CIE _{LCh}	89, 35.880, 197.130
Yxy	73.8370, 0.2466, 0.3288
Android (android.graphics.Color)	4286051058 (0xFF77F2F2)
YUV	205.2230, 18.1311, -75.6176
Hunter-Lab	85.9285, -35.3191, -5.6320

Details

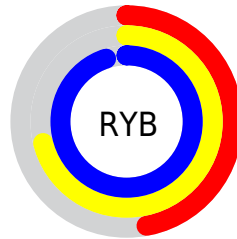
The YUV color **205.2230, 18.1311, -75.6176** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **155.7770, -18.1311, 75.6176**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5750, 11.0555, -46.1083**, and **145.0480, 20.1893, -82.4801** is the 20% darker color. If you saturate the color by 10%, you get **198.0470, 21.6688, -90.3722**, and if you desaturate by 10%, it is **212.3990, 14.5933, -60.8629**.

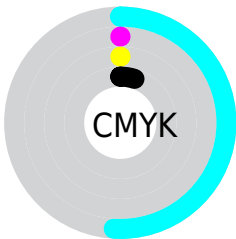
Distribution



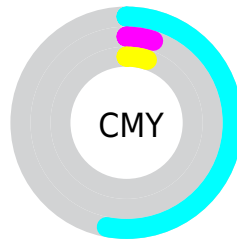
- Red (47%)
- Green (95%)
- Blue (95%)



- Red (47%)
- Yellow (71%)
- Blue (95%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.2230, 18.1311, -75.6176 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 205.2230, 18.1311, -75.6176 by changing the saturation by 10% instead.

205.2230, 18.1311,
-75.6176

205.2230, 18.1311,
-75.6176

255.0000, 0.0000,
0.0000

175.4400, 19.0101,
-77.5619

232.5750, 11.0555,
-46.1083

145.0480, 20.1893,
-82.4801

241.5450, 6.6333,
-27.6650

110.8720, 23.7271,
-97.2347

250.5150, 2.2111,
-9.2217

92.6460, 19.8945,
-81.2505

74.5340, 16.4987,
-65.3663

57.1230, 13.2504,
-50.0969

40.2990, 9.7126,

-35.3422

■ 26.1650, 6.3277,
-22.9467

■ 2.7530, 8.0098,
-2.4144

■ 205.2230, 18.1311,
-75.6176

■ 205.2230, 18.1311,
-75.6176

■ 198.0470, 21.6688,
-90.3722

■ 212.3990, 14.5933,
-60.8629

■ 190.8710, 25.2066,
-105.1269

■ 219.5750, 11.0555,
-46.1083

■ 183.3960, 28.8918,
-120.4963

■ 227.0500, 7.3704,
-30.7388

■ 176.2200, 32.4295,
-135.2509

■ 234.2260, 3.8326,
-15.9842

■ 169.6420, 35.6725,
-148.7760

■ 241.4020, 0.2948,
-1.2296

■ 245.8870, -1.9163,
7.9921

Harmonies

Analogous

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



209.6160, -1.2897, -53.1602



205.2230, 18.1311, -75.6176



205.2430, 24.5302, -74.7581

Triad

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



205.2230, 18.1311, -75.6176



226.5140, 14.0436, 22.3512



220.9350, -31.5200, 29.8750

Complementary

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



205.2230, 18.1311, -75.6176



155.7770, -18.1311, 75.6176

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.



216.4160, -20.9111, 33.8382



205.2230, 18.1311, -75.6176



220.3040, 9.2171, 30.4284

Square

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



205.2230, 18.1311, -75.6176



220.4020, 17.0568, -10.8766



215.8410, -5.3446, 34.3424



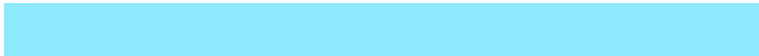
219.0200, -30.5759, 6.9985

Rectangle

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



205.2230, 18.1311, -75.6176



208.8860, 22.7342, -58.6590



215.8410, -5.3446, 34.3424



219.0430, -28.6152, 31.5343

Sweetspot

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



205.2230, 18.1311, -75.6176



243.6380, 5.6015, -23.3615



191.2010, -35.5951, -63.3203



121.1230, 3.3904, -14.1399



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.



205.2230, 18.1311, -75.6176



208.3560, 22.9955, -95.9052



168.8290, 36.0733, -43.7000



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

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



169.7990, 35.5951, 63.3203



163.4280, 45.1450, 80.3086



191.5840, -35.7839, 44.2148



112.9560, 3.4727, 6.1776



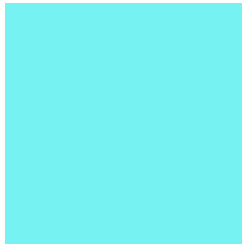
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 205.2230, 18.1311, -75.6176 looks on a white background.

Color Contrast Check

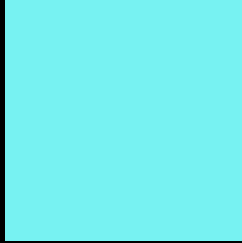
Large Text (above 18pt) WCAG AA × Fail

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 205.2230, 18.1311, -75.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

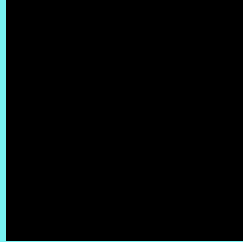
Any Text WCAG AA ✓ Pass

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 205.2230, 18.1311, -75.6176 Background



This preview shows how black text looks on a background with the YUV color 205.2230, 18.1311, -75.6176.



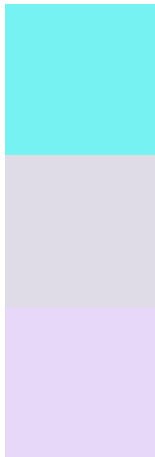
This preview shows how white text looks on a background with the YUV color 205.2230, 18.1311, -75.6176.

-75.6176.

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

205.2230, 18.1311, -75.6176

Protanopia

221.9230, 3.4890, 0.9445

Deuteranopia

224.1330, 11.7664, 6.0224



Tritanopia

210.6360, 21.8715, -61.9478

Trichromacy



Original Color

205.2230, 18.1311, -75.6176



Protanomaly

215.8270, 8.9593, -27.0353



Deuteranomaly

216.9290, 14.3320, -23.6167



Tritanomaly

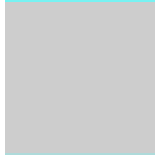
208.2610, 20.5773, -66.8809

Monochromacy



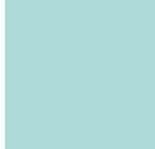
Original Color

205.2230, 18.1311, -75.6176



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.2230, 18.1311, -75.6176 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(119, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(119, 242, 242)  
}
```

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(119, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 242, 242) }
```

Border

The CSS property to change the border of an element to YUV 205.2230, 18.1311, -75.6176 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(119, 242, 242) }
```


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

```
.border{ border-color:rgb(119, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(119, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(119, 242,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 205.2230, 18.1311, -75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 242, 242) }
```

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

```
.background{ background-color: rgb(119,  
242, 242) }
```

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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