

Converting Colors

YUV(200.2760, -12.4611,
-63.3861)

Have a look what the booklet for
YUV(200.2760, -12.4611, -63.3861)
contains.

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Color

**YUV(200.2760, -12.4611,
-63.3861)**

Conversions

Conversions Part 1

Format	Color
Hex	80F2AF
RGB	128, 242, 175
RGB Percent	50%, 95%, 69%
CMY	0.4980, 0.0510, 0.3137
CMYK	0.47, 0.00, 0.28, 0.05
HSL	145°, 81%, 73%
HSV	145°, 47%, 95%
XYZ	48.3921, 71.1886, 51.7477
YIQ	200.2760, -46.4370, -45.0050

Conversions

Conversions Part 2

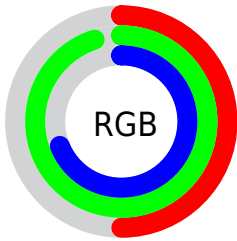
Format	Color
RYB	128, 209, 242
Decimal	8450735
CIELab	87.58, -47.20, 22.50
CIELCh	88, 52.287, 154.509
Yxy	71.1886, 0.2825, 0.4155
Android (android.graphics.Color)	4286640815 (0xFF80F2AF)
YUV	200.2760, -12.4611, -63.3861
Hunter-Lab	84.3733, -45.2752, 22.6977

Details

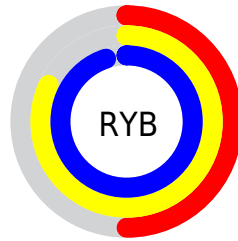
The YUV color **200.2760, -12.4611, -63.3861** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **169.7240, 12.4611, 63.3861**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6330, -0.3121, -40.0201**, and **143.1340, -10.4191, -65.0155** is the 20% darker color. If you saturate the color by 10%, you get **191.5040, -15.0385, -76.7410**, and if you desaturate by 10%, it is **209.0480, -9.8837, -50.0311**.

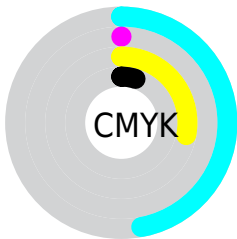
Distribution



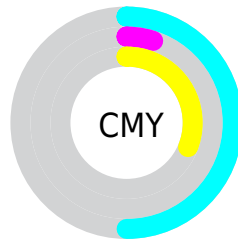
- Red (50%)
- Green (95%)
- Blue (69%)



- Red (50%)
- Yellow (82%)
- Blue (95%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (50%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2760, -12.4611, -63.3861 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 200.2760, -12.4611, -63.3861 by changing the saturation by 10% instead.

■ 200.2760,
-12.4611, -63.3861

■ 200.2760,
-12.4611, -63.3861

■ 255.0000, 0.0000,
0.0000

■ 171.5040,
-11.5875, -63.5860

■ 231.6330, -0.3121,
-40.0201

■ 143.1340,
-10.4191, -65.0155

■ 243.0400, 5.8963,
-24.5911

■ 113.6710, -8.2188,
-70.7485

■ 252.0100, 1.4741,
-6.1478

■ 85.2190, -6.0240,
-74.7371

■ 67.3350, -8.5462,
-59.0528

■ 50.1520, -10.9209,
-43.9833

■ 33.3280, -14.4587,

-29.2287

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 200.2760,
-12.4611, -63.3861

■ 200.2760,
-12.4611, -63.3861

■ 191.5040,
-15.0385, -76.7410

■ 209.0480, -9.8837,
-50.0311

■ 182.7320,
-17.6159, -90.0960


■ 217.8200, -7.3063,
-36.6761


■ 173.5470,
-20.4827, -103.9657


■ 227.0050, -4.4395,
-22.8064

■ 164.7750,
-23.0601, -117.3207

■ 235.7770, -1.8621,
-9.4514

 156.0030,
-25.6375, -130.6756

 244.5490, 0.7153,
3.9035

 153.4540,
-26.3528, -134.5792

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



209.2700, -36.6151, -16.0228



200.2760, -12.4611, -63.3861



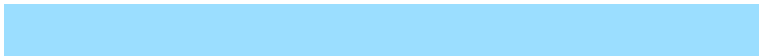
172.8570, 26.1995, -143.7026

Triad

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



200.2760, -12.4611, -63.3861



205.7290, 24.2906, -44.4893



204.3510, -18.9070, 44.4192

Complementary

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



200.2760, -12.4611, -63.3861



169.7240, 12.4611, 63.3861

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.



205.7140, 4.0850, 43.2238



200.2760, -12.4611, -63.3861



218.7840, 17.8545, 13.3444

Square

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



200.2760, -12.4611, -63.3861



169.6950, 42.0554, -142.6835



215.0840, 19.6786, 35.0063



209.6390, -39.2620, 39.7816

Rectangle

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



200.2760, -12.4611, -63.3861



172.8850, 40.4827, -151.6201



215.0840, 19.6786, 35.0063



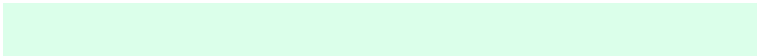
203.7130, -11.1975, 44.9787

Sweetspot

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



200.2760, -12.4611, -63.3861



241.8420, -3.8661, -20.0324



215.2500, -43.0143, -16.8823



119.9400, -2.4354, -12.2254



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.



200.2760, -12.4611, -63.3861



201.9550, -15.7538, -80.6445



206.6600, 11.9996, -68.9848



115.6140, -1.2887, -6.6775



116.6720, -20.0513, -102.3213



35.4940, -6.1595, -31.1282

Inverse Universe

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



169.7240, 12.4611, 63.3861



163.0450, 15.7538, 80.6445



163.3400, -11.9996, 68.9848



112.3860, 1.2887, 6.6775



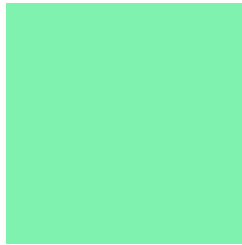
67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 200.2760, -12.4611, -63.3861 looks on a white background.

Color Contrast Check

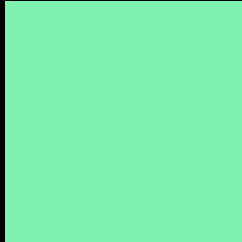
Large Text (above 18pt) WCAG AA × Fail

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 200.2760, -12.4611, -63.3861 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 200.2760, -12.4611, -63.3861 Background



This preview shows how black text looks on a background with the YUV color 200.2760, -12.4611, -63.3861.



This preview shows how white text looks on a background with the YUV color 200.2760, -12.4611, -63.3861.

-63.3861.

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

200.2760, -12.4611, -63.3861

Protanopia

216.6280, -25.9456, 15.2352

Deuteranopia

219.3660, -18.4214, 28.6200



Tritanopia

208.7510, 20.8288, -54.1556

Trichromacy



Original Color

200.2760, -12.4611, -63.3861



Protanomaly

210.7060, -21.0541, -13.7742



Deuteranomaly

212.6130, -16.5712, -4.9226



Tritanomaly

205.8140, 8.4727, -57.7189

Monochromacy



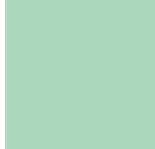
Original Color

200.2760, -12.4611, -63.3861



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0050, -4.4395, -22.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2760, -12.4611, -63.3861 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(128, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(128, 242, 175)  
}
```

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(128, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 242, 175) }
```

Border

The CSS property to change the border of an element to YUV 200.2760, -12.4611, -63.3861 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(128, 242, 175) }
```


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

```
.border{ border-color:rgb(128, 242, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 242, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(128, 242,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 200.2760, -12.4611, -63.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 242, 175) }
```

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

```
.background{ background-color: rgb(128,  
242, 175) }
```

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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