

Converting Colors

YUV(201.6060, 7.0962,
-82.9695)

Have a look what the booklet for
YUV(201.6060, 7.0962, -82.9695)
contains.

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Color

**YUV(201.6060, 7.0962,
-82.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	6BF7D8
RGB	107, 247, 216
RGB Percent	42%, 97%, 85%
CMY	0.5804, 0.0314, 0.1529
CMYK	0.57, 0.00, 0.13, 0.03
HSL	167°, 90%, 69%
HSV	167°, 57%, 97%
XYZ	51.7188, 74.6052, 76.6401
YIQ	201.6060, -73.4890, -39.3210

Conversions

Conversions Part 2

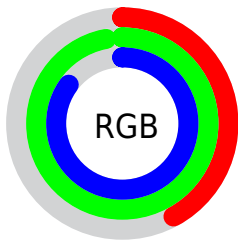
Format	Color
RYB	107, 186, 247
Decimal	7075800
CIELab	89.21, -45.28, 3.48
CIELCh	89, 45.415, 175.599
Yxy	74.6052, 0.2548, 0.3676
Android (android.graphics.Color)	4285265880 (0xFF6BF7D8)
YUV	201.6060, 7.0962, -82.9695
Hunter-Lab	86.3743, -44.2735, 7.8539

Details

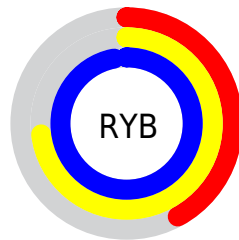
The YUV color **201.6060, 7.0962, -82.9695** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **152.3940, -7.0962, 82.9695**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **138.8540, 10.9180, -95.4650** is the 20% darker color. If you saturate the color by 10%, you get **193.5610, 8.5974, -97.8390**, and if you desaturate by 10%, it is **209.6510, 5.5951, -68.0999**.

Distribution



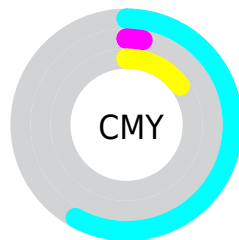
- Red (42%)
- Green (97%)
- Blue (85%)



- Red (42%)
- Yellow (73%)
- Blue (97%)



- Cyan (57%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (58%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6060, 7.0962, -82.9695 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 201.6060, 7.0962, -82.9695 by changing the saturation by 10% instead.

 201.6060, 7.0962,
-82.9695

 201.6060, 7.0962,
-82.9695


255.0000, 0.0000,
0.0000


 171.5240, 8.1227,
-85.5285

 229.2860, 12.6770,
-52.8708


 138.8540, 10.9180,
-95.4650

 238.2560, 8.2548,
-34.4275

 110.4840, 12.0864,
-96.8945

 247.2260, 3.8326,
-15.9842

 91.7850, 8.9800,
-80.4954

 73.7870, 6.0210,
-64.7112

 56.3760, 2.7726,
-49.4418

 39.8940, 0.5453,

-34.9870

■ 24.5860, -2.2609,
-21.5619

■ 0.0000, 0.0000,
0.0000

■ 201.6060, 7.0962,
-82.9695

■ 201.6060, 7.0962,
-82.9695

■ 193.5610, 8.5974,
-97.8390

■ 209.6510, 5.5951,
-68.0999

■ 185.7010, 9.5144,
-111.9938

■ 217.5110, 4.6781,
-53.9451

■ 177.6560, 11.0156,
-126.8633

■ 225.5560, 3.1769,
-39.0756

■ 169.4970, 12.0800,
-141.6329

■ 233.7150, 2.1125,
-24.3061

■ 166.8770, 12.3856,
-146.3511

■ 241.7600, 0.6113,
-9.4365

■ 249.6200, -0.3057,
4.7183

■ 250.1900, 1.8783,
4.2184

■ 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



210.9260, -18.2045, -41.1541



201.6060, 7.0962, -82.9695



189.0090, 32.5336, -121.9109

Triad

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



201.6060, 7.0962, -82.9695



221.0550, 16.7349, -0.9252



213.5490, -29.3577, 36.3525

Complementary

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



201.6060, 7.0962, -82.9695



152.3940, -7.0962, 82.9695

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.



211.0820, -10.8864, 38.5161



201.6060, 7.0962, -82.9695



222.7150, 15.9165, 28.3139

Square

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



201.6060, 7.0962, -82.9695



209.2290, 22.5651, -51.0668



214.8100, 8.4747, 35.2466



220.4160, -41.1241, 30.3302

Rectangle

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



201.6060, 7.0962, -82.9695



188.4440, 32.8121, -117.9074



214.8100, 8.4747, 35.2466



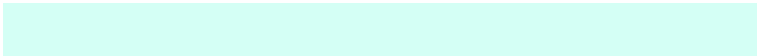
212.3410, -23.8321, 37.4119

Sweetspot

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



201.6060, 7.0962, -82.9695



241.0030, 1.9705, -25.4356



199.0470, -45.3792, -51.7842



119.5420, 1.2118, -15.3843



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.



201.6060, 7.0962, -82.9695



198.9410, 8.9031, -102.5573



183.4210, 31.3444, -67.0212



118.1840, 0.8953, -7.1774



125.7120, 9.5090, -110.2494



39.8770, 3.0186, -34.9721

Inverse Universe

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



152.3940, -7.0962, 82.9695



138.0590, -8.9031, 102.5573



170.5790, -31.3444, 67.0212



113.9300, -0.4585, 7.0774



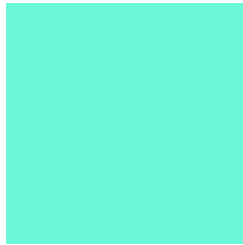
60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 201.6060, 7.0962, -82.9695 looks on a white background.

Color Contrast Check

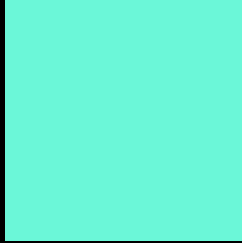
Large Text (above 18pt) WCAG AA × Fail

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 201.6060, 7.0962, -82.9695 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 201.6060, 7.0962, -82.9695 Background



This preview shows how black text looks on a background with the YUV color 201.6060, 7.0962, -82.9695.



This preview shows how white text looks on a background with the YUV color 201.6060, 7.0962, -82.9695.

-82.9695.

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

201.6060, 7.0962, -82.9695

Protanopia

222.4110, -10.0626, 7.5326

Deuteranopia

224.5830, -0.7804, 17.0287



Tritanopia

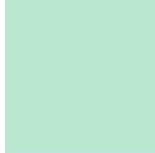
211.5330, 21.4292, -60.1034

Trichromacy



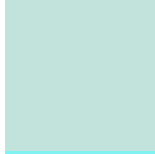
Original Color

201.6060, 7.0962, -82.9695



Protanomaly

214.8090, -3.8498, -25.2655



Deuteranomaly

216.3350, 1.8068, -19.5878



Tritanomaly

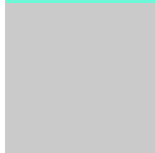
207.8110, 16.3622, -68.2402

Monochromacy



Original Color

201.6060, 7.0962, -82.9695



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.4970, 2.7130, -30.2539

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6060, 7.0962, -82.9695 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(107, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(107, 247, 216)  
}
```

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(107, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 247, 216) }
```

Border

The CSS property to change the border of an element to YUV 201.6060, 7.0962, -82.9695 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(107, 247, 216) }
```


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

```
.border{ border-color:rgb(107, 247, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(107, 247,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 201.6060, 7.0962, -82.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 247, 216) }
```

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

```
.background{ background-color: rgb(107,  
247, 216) }
```

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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