

Converting Colors

YUV(187.1000, 14.7407,
-61.4777)

Have a look what the booklet for
YUV(187.1000, 14.7407, -61.4777)
contains.

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Color

**YUV(187.1000, 14.7407,
-61.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	75D9D9
RGB	117, 217, 217
RGB Percent	46%, 85%, 85%
CMY	0.5412, 0.1490, 0.1490
CMYK	0.46, 0.00, 0.00, 0.15
HSL	180°, 57%, 65%
HSV	180°, 46%, 85%
XYZ	44.6734, 58.4174, 74.5668
YIQ	187.1000, -59.6000, -21.2000

Conversions

Conversions Part 2

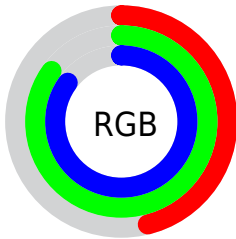
Format	Color
RYB	117, 167, 217
Decimal	7723481
CIELab	80.97, -29.22, -9.10
CIELCh	81, 30.606, 197.295
Yxy	58.4174, 0.2515, 0.3288
Android (android.graphics.Color)	4285913561 (0xFF75D9D9)
YUV	187.1000, 14.7407, -61.4777
Hunter-Lab	76.4313, -29.4231, -4.3418

Details

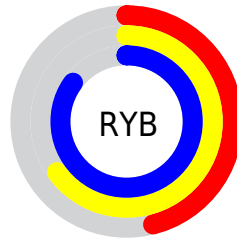
The YUV color **187.1000, 14.7407, -61.4777** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **146.9000, -14.7407, 61.4777**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **130.3060, 15.6251, -65.1664** is the 20% darker color. If you saturate the color by 10%, you get **180.5220, 17.9837, -75.0028**, and if you desaturate by 10%, it is **193.6780, 11.4977, -47.9526**.

Distribution



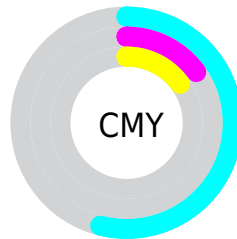
- Red (46%)
- Green (85%)
- Blue (85%)



- Red (46%)
- Yellow (65%)
- Blue (85%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1000, 14.7407, -61.4777 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 187.1000, 14.7407, -61.4777 by changing the saturation by 10% instead.

■ 187.1000, 14.7407,
-61.4777

■ 187.1000, 14.7407,
-61.4777

■ 255.0000, 0.0000,
0.0000

■ 158.8010, 14.8881,
-62.0925

■ 231.0800, 11.7926,
-49.1822

■ 130.3060, 15.6251,
-65.1664

■ 239.7510, 7.5178,
-31.3536

■ 98.0380, 18.7153,
-76.3323

■ 248.7210, 3.0955,
-12.9103

■ 77.2240, 16.6516,
-67.7254

■ 59.6990, 12.9664,
-52.3560

■ 42.9890, 9.8654,
-37.7014

■ 27.5670, 6.6225,

-24.1763

■ 7.0900, 6.8576,
-6.2179

■ 0.0000, 0.0000,
0.0000

■ 187.1000, 14.7407,
-61.4777

■ 187.1000, 14.7407,
-61.4777

■ 180.5220, 17.9837,
-75.0028

■ 193.6780, 11.4977,
-47.9526

■ 174.2430, 21.0792,
-87.9131

■ 199.9570, 8.4022,
-35.0423

■ 167.6650, 24.3222,
-101.4382

■ 206.5350, 5.1592,
-21.5172

■ 161.0870, 27.5651,
-114.9633

■ 213.1130, 1.9163,
-7.9921

■ 154.8080, 30.6607,
-127.8736

■ 219.6910, -1.3267,
5.5330

■ 152.1170, 31.9873,
-133.4066

■ 225.9700, -4.4222,
18.4433

■ 228.3620, -5.6015,
23.3615

Harmonies

Analogous

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



190.0840, -1.0274, -43.9237



187.1000, 14.7407, -61.4777



188.7870, 26.2340, -61.2032

Triad

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



187.1000, 14.7407, -61.4777



205.2900, 17.1120, 18.1627



200.7760, -27.0046, 28.2604

Complementary

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



187.1000, 14.7407, -61.4777



146.9000, -14.7407, 61.4777

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.



202.7700, -21.0856, 43.1747



187.1000, 14.7407, -61.4777



205.3930, 4.2433, 39.1203

Square

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



187.1000, 14.7407, -61.4777



201.8070, 26.2241, -11.2317



202.9950, -8.8715, 45.6084



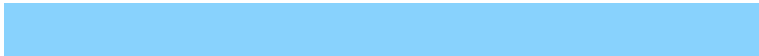
197.6870, -25.4817, 6.4135

Rectangle

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



187.1000, 14.7407, -61.4777



192.7760, 29.6904, -49.7926



202.9950, -8.8715, 45.6084



201.7490, -26.0053, 34.4231

Sweetspot

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



187.1000, 14.7407, -61.4777



244.2360, 5.3067, -22.1320



175.7000, -28.9391, -51.4799



121.4220, 3.2430, -13.5251



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.



187.1000, 14.7407, -61.4777



213.1400, 20.6370, -86.0688



157.7500, 29.2102, -35.7377



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



158.3000, 28.9391, 51.4799



172.8200, 40.5147, 72.0719



176.2500, -29.2102, 35.7378



103.5430, 3.1833, 5.6628



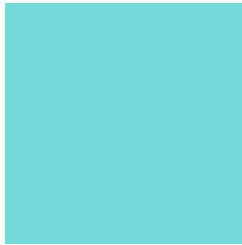
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 187.1000, 14.7407, -61.4777 looks on a white background.

Color Contrast Check

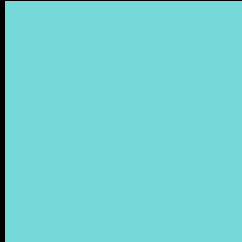
Large Text (above 18pt) WCAG AA × Fail

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 187.1000, 14.7407, -61.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

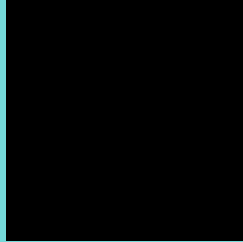
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1000, 14.7407, -61.4777

Background



This preview shows how black text looks on a background with the YUV color 187.1000, 14.7407, -61.4777.



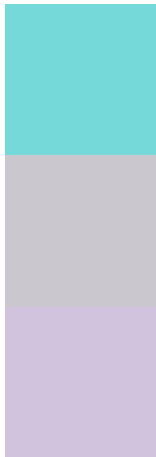
This preview shows how white text looks on a background with the YUV color 187.1000, 14.7407, -61.4777.

-61.4777.

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

187.1000, 14.7407, -61.4777

Protanopia

200.6950, 2.6154, 1.1445

Deuteranopia

202.2640, 9.7298, 5.9075



Tritanopia

189.1310, 21.1344, -58.8739

Trichromacy



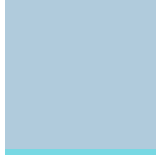
Original Color

187.1000, 14.7407, -61.4777



Protanomaly

195.9910, 6.9064, -21.9171



Deuteranomaly

196.8650, 11.4056, -18.2986



Tritanomaly

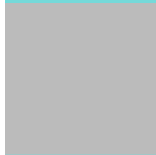
188.5500, 18.9559, -60.1183

Monochromacy



Original Color

187.1000, 14.7407, -61.4777



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1000, 14.7407, -61.4777 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(117, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(117, 217, 217)  
}
```

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(117, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 217, 217) }
```

Border

The CSS property to change the border of an element to YUV 187.1000, 14.7407, -61.4777 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(117, 217, 217) }
```


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

```
.border{ border-color:rgb(117, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(117, 217,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 187.1000, 14.7407, -61.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 217, 217) }
```

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

```
.background{ background-color: rgb(117,  
217, 217) }
```

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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