

Converting Colors

YUV(185.7840, 17.3615,
-62.0776)

Have a look what the booklet for
YUV(185.7840, 17.3615, -62.0776)
contains.

YUV(185.7840, 17.3615, -62.0776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.7840, 17.3615,
-62.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	73D7DD
RGB	115, 215, 221
RGB Percent	45%, 84%, 87%
CMY	0.5490, 0.1569, 0.1333
CMYK	0.48, 0.03, 0.00, 0.13
HSL	183°, 61%, 66%
HSV	183°, 48%, 87%
XYZ	44.4218, 57.4662, 77.1574
YIQ	185.7840, -61.5260, -19.3340

Conversions

Conversions Part 2

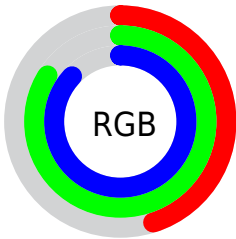
Format	Color
RYB	115, 166, 221
Decimal	7591901
CIELab	80.44, -27.67, -12.03
CIELCh	80, 30.174, 203.495
Yxy	57.4662, 0.2481, 0.3210
Android (android.graphics.Color)	4285781981 (0xFF73D7DD)
YUV	185.7840, 17.3615, -62.0776
Hunter-Lab	75.8064, -28.0621, -7.2821

Details

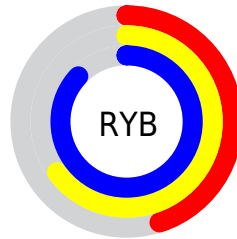
The YUV color **185.7840, 17.3615, -62.0776** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **150.2160, -17.3615, 62.0776**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **128.6910, 18.3933, -66.3810** is the 20% darker color. If you saturate the color by 10%, you get **178.6190, 20.8938, -75.0879**, and if you desaturate by 10%, it is **192.9490, 13.8291, -49.0673**.

Distribution



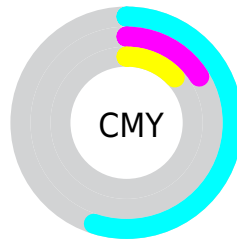
- Red (45%)
- Green (84%)
- Blue (87%)



- Red (45%)
- Yellow (65%)
- Blue (87%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7840, 17.3615, -62.0776 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 185.7840, 17.3615, -62.0776 by changing the saturation by 10% instead.

■ 185.7840, 17.3615,
-62.0776

■ 185.7840, 17.3615,
-62.0776

255.0000, 0.0000,
0.0000

■ 157.1860, 17.6563,
-63.3071

■ 230.4820, 12.0874,
-50.4117

■ 128.6910, 18.3933,
-66.3810

■ 239.4520, 7.6652,
-31.9684

■ 94.3300, 22.5153,
-81.8504

■ 248.1230, 3.3904,
-14.1399

■ 76.3920, 18.5407,
-66.9958

■ 58.9810, 15.2924,
-51.7263

■ 42.7440, 11.4652,
-37.4865

■ 27.3220, 8.2223,

-23.9614

■ 5.0840, 9.3256,
-4.4587

■ 0.0000, 0.0000,
0.0000

■ 185.7840, 17.3615,
-62.0776

■ 185.7840, 17.3615,
-62.0776

■ 178.6190, 20.8938,
-75.0879

■ 192.9490, 13.8291,
-49.0673

■ 170.8670, 24.7156,
-87.5834

■ 200.7010, 10.0074,
-36.5718

■ 163.7020, 28.2479,
-100.5937

■ 207.8660, 6.4751,
-23.5615

■ 156.5370, 31.7803,
-113.6039

■ 215.0310, 2.9427,
-10.5512

■ 149.3720, 35.3126,
-126.6142

■ 222.4950, -0.7370,
3.0739

■ 147.2900, 36.3390,
-129.1733

■ 230.2470, -4.5588,
15.5694

■ 232.9270, -5.8800,
19.3580

■ 233.5140, -6.1694,
18.8432

■ 234.1010, -6.4588,
18.3284

Harmonies

Analogous

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



188.1590, 1.8936, -47.4974



185.7840, 17.3615, -62.0776



188.4500, 27.3861, -57.3997

Triad

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



185.7840, 17.3615, -62.0776



203.9270, 14.3330, 22.8660



199.0420, -27.1357, 23.6422

Complementary

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



185.7840, 17.3615, -62.0776



150.2160, -17.3615, 62.0776

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.



200.7050, -22.5326, 40.6007



185.7840, 17.3615, -62.0776



203.7200, 1.6170, 41.4646

Square

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



185.7840, 17.3615, -62.0776



201.6830, 24.3133, -4.9840



202.1970, -11.9291, 46.3082



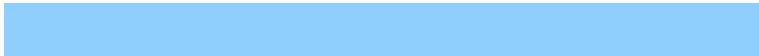
195.9960, -24.1550, 0.8805

Rectangle

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



185.7840, 17.3615, -62.0776



193.1080, 29.5268, -43.9447



202.1970, -11.9291, 46.3082



199.3140, -26.2838, 30.4196

Sweetspot

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



185.7840, 17.3615, -62.0776



243.0620, 5.8854, -21.1024



177.7920, -28.4915, -55.0686



120.2480, 3.8217, -12.4955



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.



185.7840, 17.3615, -62.0776



206.0520, 24.1314, -86.8686



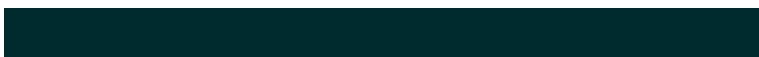
155.2600, 32.4098, -35.3080



106.1240, 1.9109, -6.2477



115.9900, 28.1059, -101.7232



30.4850, 7.6489, -26.7353

Inverse Universe

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



158.0940, 28.0547, 55.1686



167.2120, 39.3355, 76.9901



180.7400, -32.4098, 35.3080



103.4290, 2.7465, 5.7628



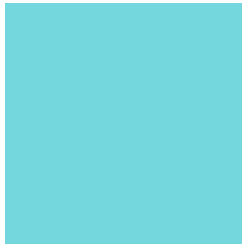
70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 185.7840, 17.3615, -62.0776 looks on a white background.

Color Contrast Check

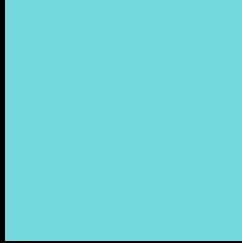
Large Text (above 18pt) WCAG AA × Fail

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 185.7840, 17.3615, -62.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

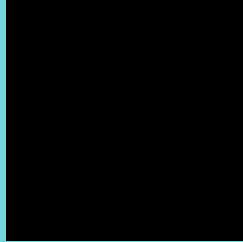
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.7840, 17.3615, -62.0776

Background



This preview shows how black text looks on a background with the YUV color 185.7840, 17.3615, -62.0776.



This preview shows how white text looks on a background with the YUV color 185.7840, 17.3615, -62.0776.

-62.0776.

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

185.7840, 17.3615, -62.0776

Protanopia

199.0800, 5.3836, -0.0702

Deuteranopia

200.3500, 12.6455, 4.0781



Tritanopia

186.6470, 21.8660, -60.2034

Trichromacy



Original Color

185.7840, 17.3615, -62.0776

Protanomaly

194.3760, 9.6746, -23.1318

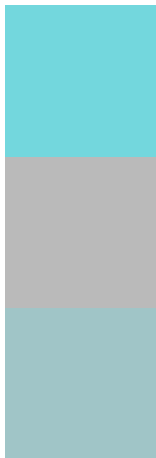
Deuteranomaly

194.9510, 14.3212, -20.1280

Tritanomaly

186.4790, 19.9769, -60.9331

Monochromacy



Original Color

185.7840, 17.3615, -62.0776

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1650, 6.3277, -22.9467

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7840, 17.3615, -62.0776 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(115, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(115, 215, 221)  
}
```

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(115, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 215, 221) }
```

Border

The CSS property to change the border of an element to YUV 185.7840, 17.3615, -62.0776 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(115, 215, 221) }
```


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

```
.border{ border-color:rgb(115, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(115, 215,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 185.7840, 17.3615, -62.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 215, 221) }
```

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

```
.background{ background-color: rgb(115,  
215, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor