

Converting Colors

YUV(187.2600, -11.4672,
-55.4790)

Have a look what the booklet for
YUV(187.2600, -11.4672, -55.4790)
contains.

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Color

**YUV(187.2600, -11.4672,
-55.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE0A4
RGB	124, 224, 164
RGB Percent	49%, 88%, 64%
CMY	0.5137, 0.1216, 0.3569
CMYK	0.45, 0.00, 0.27, 0.12
HSL	144°, 62%, 68%
HSV	144°, 45%, 88%
XYZ	41.6687, 60.2767, 44.5604
YIQ	187.2600, -40.3400, -39.8600

Conversions

Conversions Part 2

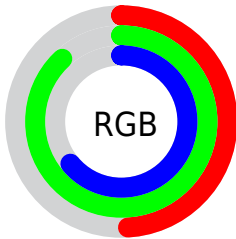
Format	Color
RYB	124, 195, 224
Decimal	8183972
CIELab	81.99, -42.53, 20.46
CIElCh	82, 47.194, 154.312
Yxy	60.2767, 0.2844, 0.4114
Android (android.graphics.Color)	4286374052 (0xFF7CE0A4)
YUV	187.2600, -11.4672, -55.4790
Hunter-Lab	77.6381, -40.0650, 20.3172

Details

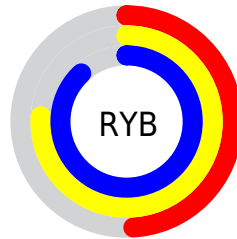
The YUV color **187.2600, -11.4672, -55.4790** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **160.7400, 11.4672, 55.4790**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7700, -4.8166, -41.8943**, and **131.4170, -9.5726, -56.4937** is the 20% darker color. If you saturate the color by 10%, you get **179.2000, -13.9026, -67.7044**, and if you desaturate by 10%, it is **195.3200, -9.0318, -43.2536**.

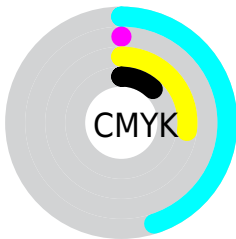
Distribution



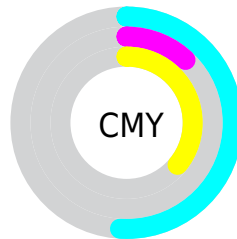
- Red (49%)
- Green (88%)
- Blue (64%)



- Red (49%)
- Yellow (76%)
- Blue (88%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2600, -11.4672, -55.4790 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 187.2600, -11.4672, -55.4790 by changing the saturation by 10% instead.

■ 187.2600,
-11.4672, -55.4790

■ 187.2600,
-11.4672, -55.4790

255.0000, 0.0000,
0.0000

■ 159.4880,
-10.5936, -55.6790

■ 228.7700, -4.8166,
-41.8943

■ 131.4170, -9.5726,
-56.4937

■ 240.7470, 3.5757,
-26.9651

■ 103.1500, -7.9620,
-59.7676

■ 250.2160, 2.3585,
-9.8364

■ 74.8010, -5.3249,
-65.6005

■ 57.5040, -8.1365,
-50.4310

■ 40.3210, -10.5113,
-35.3615

■ 25.2410, -12.4438,

-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 187.2600,
-11.4672, -55.4790

■ 187.2600,
-11.4672, -55.4790

■ 179.2000,
-13.9026, -67.7044

■ 195.3200, -9.0318,
-43.2536

■ 170.7270,
-16.6274, -80.4446

■ 203.7930, -6.3069,
-30.5135

■ 162.6670,
-19.0628, -92.6700

■ 211.8530, -3.8715,
-18.2881

■ 154.1940,
-21.7876, -105.4101

■ 220.3260, -1.1467,
-5.5479

■ 146.1340,
-24.2231, -117.6355

■ 228.3860, 1.2887,
6.6775

■ 141.7480,
-25.5118, -124.3130

■ 235.6630, 4.6031,
16.9585

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



195.0190, -32.5474, -14.0487



187.2600, -11.4672, -55.4790



170.8290, 18.8183, -109.4750

Triad

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



187.2600, -11.4672, -55.4790



193.9450, 30.1001, -41.1708



196.1670, -19.8023, 51.5965

Complementary

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



187.2600, -11.4672, -55.4790



160.7400, 11.4672, 55.4790

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.



197.5470, 0.7163, 50.3863



187.2600, -11.4672, -55.4790



205.4830, 24.4119, 10.1004

Square

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



187.2600, -11.4672, -55.4790



172.2740, 40.7839, -108.1113



206.6720, 17.9097, 42.3837



200.8510, -37.3945, 47.4887

Rectangle

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



187.2600, -11.4672, -55.4790



160.4950, 38.7030, -140.7541



206.6720, 17.9097, 42.3837



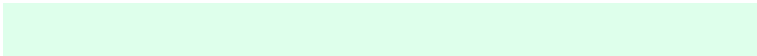
196.0020, -12.8190, 51.7412

Sweetspot

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



187.2600, -11.4672, -55.4790



242.8530, -3.8715, -18.2881



200.6400, -37.7835, -14.5933



120.2390, -2.5828, -11.6106



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.



187.2600, -11.4672, -55.4790



204.2760, -15.9121, -76.5411



192.9600, 10.3727, -60.4779



107.9130, -1.4361, -6.0627



111.2920, -20.3570, -97.6031



30.3420, -5.5916, -26.6099

Inverse Universe

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



160.7400, 11.4672, 55.4790



167.7240, 15.9121, 76.5411



155.0400, -10.3727, 60.4779



105.0870, 1.4361, 6.0627



64.7080, 20.3570, 97.6031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 187.2600, -11.4672, -55.4790 looks on a white background.

Color Contrast Check

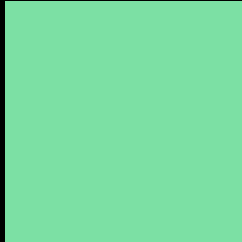
Large Text (above 18pt) WCAG AA × Fail

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 187.2600, -11.4672, -55.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

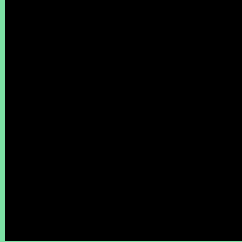
Any Text WCAG AA ✓ Pass

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 187.2600, -11.4672, -55.4790 Background



This preview shows how black text looks on a background with the YUV color 187.2600, -11.4672, -55.4790.



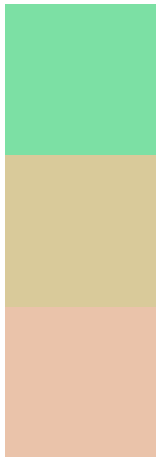
This preview shows how white text looks on a background with the YUV color 187.2600, -11.4672, -55.4790.

-55.4790.

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

187.2600, -11.4672, -55.4790

Protanopia

201.0130, -23.1774, 14.0206

Deuteranopia

203.8110, -16.6688, 26.4758



Tritanopia

194.5130, 18.4811, -47.8079

Trichromacy



Original Color

187.2600, -11.4672, -55.4790



Protanomaly

195.9990, -18.7335, -11.4001



Deuteranomaly

198.0800, -14.8294, -3.5782



Tritanomaly

191.6300, 7.5774, -50.5415

Monochromacy



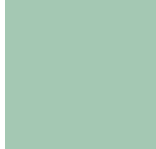
Original Color

187.2600, -11.4672, -55.4790



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.8420, -3.8661, -20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2600, -11.4672, -55.4790 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(124, 224, 164)` looks like.

```
.text, #text, p{  
    color:rgb(124, 224, 164)  
}
```

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(124, 224, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 224, 164) }
```

Border

The CSS property to change the border of an element to YUV 187.2600, -11.4672, -55.4790 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(124, 224, 164) }
```


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

```
.border{ border-color:rgb(124, 224, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 224, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 224, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 224, 164);  
box-shadow:4px 4px 4px 4px rgb(124, 224,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 187.2600, -11.4672, -55.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 224, 164) }
```

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

```
.background{ background-color: rgb(124,  
224, 164) }
```

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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