

Converting Colors

YUV(186.7480, 22.3092,
-15.5650)

Have a look what the booklet for
YUV(186.7480, 22.3092, -15.5650)
contains.

YUV(186.7480, 22.3092, -15.5650)	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(186.7480, 22.3092,
-15.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BBE8
RGB	169, 187, 232
RGB Percent	66%, 73%, 91%
CMY	0.3373, 0.2667, 0.0902
CMYK	0.27, 0.19, 0.00, 0.09
HSL	223°, 58%, 79%
HSV	223°, 27%, 91%
XYZ	48.6980, 49.8019, 83.3900
YIQ	186.7480, -25.1730, 10.1790

Conversions

Conversions Part 2

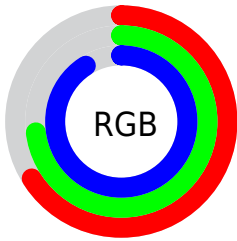
Format	Color
R _Y B	169, 183, 232
Decimal	11123688
CIE Lab	75.95, 3.77, -24.45
CIE LCh	76, 24.743, 278.758
Yxy	49.8019, 0.2677, 0.2738
Android (android.graphics.Color)	4289313768 (0xFFA9BBE8)
YUV	186.7480, 22.3092, -15.5650
Hunter-Lab	70.5704, -0.3221, -20.6611

Details

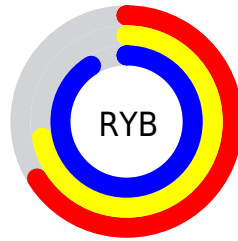
The YUV color **186.7480, 22.3092, -15.5650** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214.2520, -22.3092, 15.5650**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9860, 7.8949, -12.2657**, and **133.1070, 21.1462, -15.8798** is the 20% darker color. If you saturate the color by 10%, you get **169.8920, 30.6192, -20.9533**, and if you desaturate by 10%, it is **203.6040, 13.9992, -10.1767**.

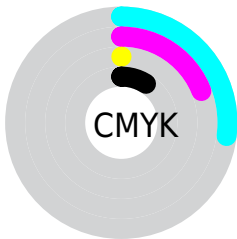
Distribution



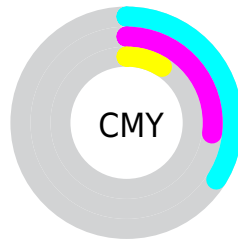
- Red (66%)
- Green (73%)
- Blue (91%)



- Red (66%)
- Yellow (72%)
- Blue (91%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7480, 22.3092, -15.5650 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 186.7480, 22.3092, -15.5650 by changing the saturation by 10% instead.

■ 186.7480, 22.3092,
-15.5650

■ 186.7480, 22.3092,
-15.5650

255.0000, 0.0000,
0.0000

■ 159.6340, 21.8724,
-15.4650

■ 238.9860, 7.8949,
-12.2657

■ 133.1070, 21.1462,
-15.8798

254.7010, 0.1474,
-0.6148

■ 107.8790, 20.2727,
-15.6799

■ 83.4660, 19.9833,
-16.1947

■ 59.2270, 19.1151,
-17.7391

■ 35.5040, 18.9785,
-20.6130

■ 17.6680, 16.9257,

-15.4948

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 186.7480, 22.3092,
-15.5650

■ 186.7480, 22.3092,
-15.5650

■ 169.8920, 30.6192,
-20.9533

■ 203.6040, 13.9992,
-10.1767

■ 153.6230, 38.6399,
-26.8564

■ 219.8730, 5.9786,
-4.2736

■ 136.4680, 47.0973,
-32.8594

■ 237.0280, -2.4788,
1.7294

■ 120.1990, 55.1179,
-38.7625

■ 251.2040, -9.4676,
3.3291

■ 103.3430, 63.4279,
-44.1508

■ 252.3780,
-10.0464, 2.2995

■ 87.0740, 71.4485,
-50.0539

■ 70.2180, 79.7585,
-55.4422

■ 65.1900, 82.2373,
-57.1716

Harmonies

Analogous

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



181.8440, 23.2479, -36.6972



186.7480, 22.3092, -15.5650



189.9960, 16.2710, 7.8965

Triad

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



186.7480, 22.3092, -15.5650



189.7460, -14.6648, 37.0568



179.8470, -4.8546, -29.6838

Complementary

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



186.7480, 22.3092, -15.5650



214.2520, -22.3092, 15.5650

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.



182.5200, -15.5394, -9.2260



186.7480, 22.3092, -15.5650



187.6710, -21.0368, 27.4755

Square

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



186.7480, 22.3092, -15.5650



190.6780, -4.7713, 37.1164



185.4470, -21.4194, 10.1320



177.3750, 7.7031, -44.1789

Rectangle

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



186.7480, 22.3092, -15.5650



191.3630, 9.6810, 21.6066



185.4470, -21.4194, 10.1320



181.1530, -8.9494, -22.9362

Sweetspot

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



186.7480, 22.3092, -15.5650



240.2150, 7.2890, -4.5736



210.9970, 0.9875, -36.8314



118.2430, 4.8102, -2.8441



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.



186.7480, 22.3092, -15.5650



194.6640, 29.7456, -20.7533



180.0690, 25.6020, 1.6935



106.7160, 4.0840, -3.2589



50.3430, 63.4279, -44.1508



14.6190, 17.9358, -12.8209

Inverse Universe

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



189.8890, -1.4243, 36.9313



198.8520, -1.8990, 49.2418



220.9310, -25.6020, -1.6935



107.0440, -0.0217, 6.9774



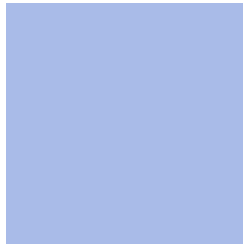
59.3350, -4.1092, 104.9462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 186.7480, 22.3092, -15.5650 looks on a white background.

Color Contrast Check

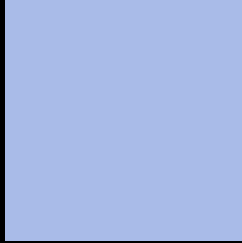
Large Text (above 18pt) WCAG AA × Fail

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 186.7480, 22.3092, -15.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

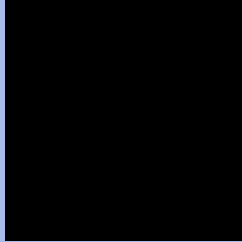
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7480, 22.3092, -15.5650

Background



This preview shows how black text looks on a background with the YUV color 186.7480, 22.3092, -15.5650.



This preview shows how white text looks on a background with the YUV color 186.7480, 22.3092, -15.5650.

-15.5650.

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

186.7480, 22.3092, -15.5650

Protanopia

187.5530, 21.4194, -10.1320

Deuteranopia

188.4010, 21.9873, -5.6137



Tritanopia

184.7510, 10.9688, -18.1986

Trichromacy



Original Color

186.7480, 22.3092, -15.5650

Protanomaly

187.2430, 21.5722, -12.4911

Deuteranomaly

187.4930, 22.4350, -9.2024

Tritanomaly

185.7880, 14.8945, -17.3541

Monochromacy



Original Color

186.7480, 22.3092, -15.5650

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7310, 8.0206, -5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7480, 22.3092, -15.5650 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(169, 187, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 187, 232)  
}
```

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(169, 187, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 187, 232) }
```

Border

The CSS property to change the border of an element to YUV 186.7480, 22.3092, -15.5650 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(169, 187, 232) }
```


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

```
.border{ border-color:rgb(169, 187, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 187, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 187, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 187, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 187,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 186.7480, 22.3092, -15.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 187, 232) }
```

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

```
.background{ background-color: rgb(169,  
187, 232) }
```

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