

Converting Colors

YUV(187.3700, 12.1426,
-21.3725)

Have a look what the booklet for
YUV(187.3700, 12.1426, -21.3725)
contains.

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Color

**YUV(187.3700, 12.1426,
-21.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C3D4
RGB	163, 195, 212
RGB Percent	64%, 76%, 83%
CMY	0.3608, 0.2353, 0.1686
CMYK	0.23, 0.08, 0.00, 0.17
HSL	201°, 36%, 74%
HSV	201°, 23%, 83%
XYZ	46.5030, 51.5702, 69.7904
YIQ	187.3700, -24.5290, -1.4970

Conversions

Conversions Part 2

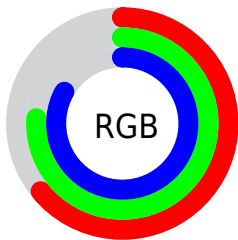
Format	Color
RYB	163, 182, 212
Decimal	10732500
CIELab	77.02, -6.97, -12.06
CIElCh	77, 13.928, 239.959
Yxy	51.5702, 0.2770, 0.3072
Android (android.graphics.Color)	4288922580 (0xFFA3C3D4)
YUV	187.3700, 12.1426, -21.3725
Hunter-Lab	71.8124, -10.0818, -7.3519

Details

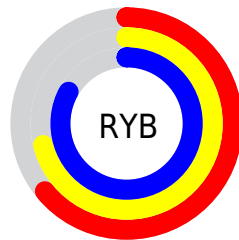
The YUV color **187.3700, 12.1426, -21.3725** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187.6300, -12.1426, 21.3725**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4750, 6.1748, -20.5876**, and **133.5550, 11.5584, -20.6577** is the 20% darker color. If you saturate the color by 10%, you get **176.9820, 17.2639, -30.6792**, and if you desaturate by 10%, it is **197.7580, 7.0213, -12.0658**.

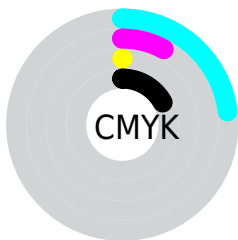
Distribution



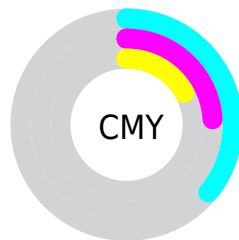
- Red (64%)
- Green (76%)
- Blue (83%)



- Red (64%)
- Yellow (71%)
- Blue (83%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3700, 12.1426, -21.3725 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 187.3700, 12.1426, -21.3725 by changing the saturation by 10% instead.

■ 187.3700, 12.1426,
-21.3725

■ 187.3700, 12.1426,
-21.3725

255.0000, 0.0000,
0.0000

■ 160.2560, 11.7058,
-21.2725

■ 242.4750, 6.1748,
-20.5876

■ 133.5550, 11.5584,
-20.6577

■ 252.6080, 1.1793,
-4.9182

■ 108.4410, 11.1216,
-20.5578

■ 83.7400, 10.9742,
-19.9430

■ 60.3270, 10.6848,
-20.4578

■ 37.0170, 10.8376,
-22.8169

■ 18.8930, 8.9268,

-16.5692

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 187.3700, 12.1426,
-21.3725

■ 187.3700, 12.1426,
-21.3725

■ 176.9820, 17.2639,
-30.6792

■ 197.7580, 7.0213,
-12.0658

■ 166.0070, 22.6745,
-39.4711

■ 208.7330, 1.6106,
-3.2738

■ 155.3200, 27.9432,
-49.3926

■ 219.4200, -3.6581,
6.6477

■ 144.9320, 33.0645,
-58.6994

■ 229.8080, -8.7793,
15.9544

■ 133.9570, 38.4752,
-67.4913

■ 236.5970,
-12.1263, 16.1394

■ 123.5690, 43.5965,
-76.7980

■ 240.7060,
-14.1521, 12.5358

■ 113.1810, 48.7178,
-86.1047

■ 244.8150,
-16.1778, 8.9322

■ 105.1740, 52.6652,
-92.2376

■ 249.5110,
-18.4929, 4.8139

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



185.6100, 8.0803, -25.0910



187.3700, 12.1426, -21.3725



189.3650, 13.1311, -11.7211

Triad

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



187.3700, 12.1426, -21.3725



192.6050, -0.7913, 20.5174



188.0570, -9.8881, -1.8040

Complementary

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



187.3700, 12.1426, -21.3725



187.6300, -12.1426, 21.3725

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.



189.8520, -12.2520, 9.7768



187.3700, 12.1426, -21.3725



192.3080, -7.0538, 22.5319

Square

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



187.3700, 12.1426, -21.3725



192.4560, 5.1982, 12.7551



191.1350, -11.4056, 18.2986



186.6580, -4.7614, -12.8551

Rectangle

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



187.3700, 12.1426, -21.3725



190.6650, 11.5042, -3.2142



191.1350, -11.4056, 18.2986



188.7370, -11.2093, 1.9847

Sweetspot

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



187.3700, 12.1426, -21.3725



246.0960, 4.3897, -7.9772



193.5870, -7.1914, -26.8248



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



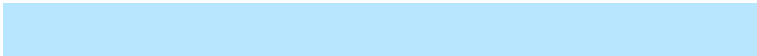
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187.3700, 12.1426, -21.3725



219.0960, 17.7007, -30.7792



173.2820, 19.0880, -9.0173



101.3630, 2.7790, -4.7034



85.2380, 42.2807, -74.7537



21.3380, 10.6794, -18.7134

Inverse Universe

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



181.2990, 6.7546, 26.9248



210.4730, 9.6268, 39.0502



201.7180, -19.0880, 9.0173



100.0870, 1.4361, 6.0627



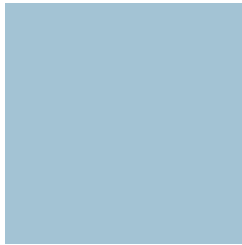
63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 187.3700, 12.1426, -21.3725 looks on a white background.

Color Contrast Check

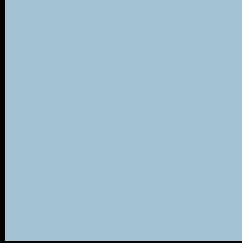
Large Text (above 18pt) WCAG AA × Fail

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 187.3700, 12.1426, -21.3725 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

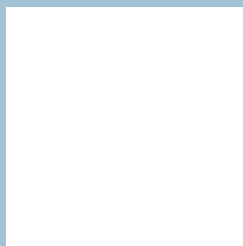
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.3700, 12.1426, -21.3725

Background



This preview shows how black text looks on a background with the YUV color 187.3700, 12.1426, -21.3725.



This preview shows how white text looks on a background with the YUV color 187.3700, 12.1426, -21.3725.

-21.3725.

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

187.3700, 12.1426, -21.3725

Protanopia

190.2800, 8.7360, -1.9996

Deuteranopia

191.8940, 10.8983, 4.4780



Tritanopia

187.2560, 11.7058, -21.2725

Trichromacy



Original Color

187.3700, 12.1426, -21.3725

Protanomaly

189.4640, 9.6312, -9.1769

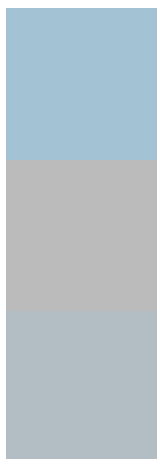
Deuteranomaly

190.5400, 11.0728, -4.8586

Tritanomaly

187.2560, 11.7058, -21.2725

Monochromacy



Original Color

187.3700, 12.1426, -21.3725

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3700, 12.1426, -21.3725 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(163, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 212)  
}
```

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(163, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 212) }
```

Border

The CSS property to change the border of an element to YUV 187.3700, 12.1426, -21.3725 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(163, 195, 212) }
```


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

```
.border{ border-color:rgb(163, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(163, 195,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 187.3700, 12.1426, -21.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 212) }
```

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

```
.background{ background-color: rgb(163,  
195, 212) }
```

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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