

# Converting Colors

YUV(204.2560, 11.7058,  
-21.2725)

Have a look what the booklet for  
YUV(204.2560, 11.7058, -21.2725)  
contains.

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# Color

**YUV(204.2560, 11.7058,  
-21.2725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4D4E4
RGB	180, 212, 228
RGB Percent	71%, 83%, 89%
CMY	0.2941, 0.1686, 0.1059
CMYK	0.21, 0.07, 0.00, 0.11
HSL	200°, 47%, 80%
HSV	200°, 21%, 89%
XYZ	56.3695, 62.3917, 82.4706
YIQ	204.2560, -24.2080, -1.8080

# Conversions

## Conversions Part 2

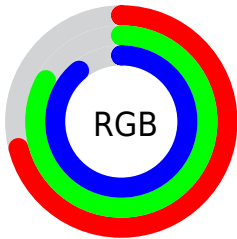
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 199, 228
Decimal	11850980
CIE Lab	83.12, -7.16, -11.41
CIE LCh	83, 13.472, 237.891
Yxy	62.3917, 0.2801, 0.3100
Android (android.graphics.Color)	4290041060 (0xFFB4D4E4)
YUV	204.2560, 11.7058, -21.2725
Hunter-Lab	78.9884, -10.8446, -6.6119

# Details

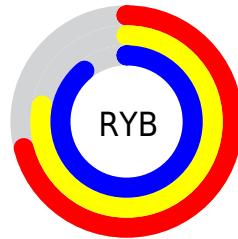
The YUV color  $204.2560, 11.7058, -21.2725$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $203.7440, -11.7058, 21.2725$ , and the grayscale version is  $204.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.3190, 2.8007, -11.6808$ , and  $149.5550, 11.5584, -20.6577$  is the 20% darker color. If you saturate the color by 10%, you get  $192.6830, 17.4113, -31.2940$ , and if you desaturate by 10%, it is  $215.8290, 6.0003, -11.2510$ .

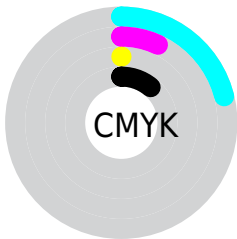
# Distribution



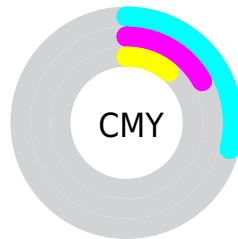
- Red (71%)
- Green (83%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (17%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.2560, 11.7058, -21.2725 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 204.2560, 11.7058, -21.2725 by changing the saturation by 10% instead.



■ 204.2560, 11.7058,  
-21.2725

■ 204.2560, 11.7058,  
-21.2725

255.0000, 0.0000,  
0.0000

■ 176.5550, 11.5584,  
-20.6577

■ 249.3190, 2.8007,  
-11.6808

■ 149.5550, 11.5584,  
-20.6577

■ 123.7400, 10.9742,  
-19.9430

■ 98.6260, 10.5374,  
-19.8430

■ 74.6260, 10.5374,  
-19.8430

■ 51.2130, 10.2480,  
-20.3578

■ 27.9030, 10.4008,

-22.7169

■ 13.2850, 7.7475,  
-11.6509

■ 0.0000, 0.0000,  
0.0000

■ 204.2560, 11.7058,  
-21.2725

■ 204.2560, 11.7058,  
-21.2725

■ 192.6830, 17.4113,  
-31.2940

■ 215.8290, 6.0003,  
-11.2510

■ 181.6970, 22.8274,  
-41.8303

■ 226.8150, 0.5842,  
-0.7148

■ 170.4230, 28.3855,  
-51.2370

■ 238.0890, -4.9739,  
8.6919

■ 159.4370, 33.8016,  
-61.7732

■ 244.2910, -8.0315,  
9.3918

■ 147.8640, 39.5070,  
-71.7947

■ 248.9870,  
-10.3466, 5.2734

■ 136.2910, 45.2125,  
-81.8162

■ 251.9220,  
-11.7935, 2.6994

■ 125.3050, 50.6286,  
-92.3525

■ 115.2160, 55.6025,  
-101.0444

# Harmonies

## Analogous

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



202.7950, 7.4961, -24.3762



204.2560, 11.7058, -21.2725



206.2510, 12.6943, -11.6211

# Triad

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



204.2560, 11.7058, -21.2725



209.8930, -0.9332, 19.3878



205.3560, -10.0355, -1.1892

# Complementary

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



204.2560, 11.7058, -21.2725



203.7440, -11.7058, 21.2725

# 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.



206.8520, -12.2520, 9.7768



204.2560, 11.7058, -21.2725



209.1230, -6.4696, 21.8171

# Square

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



204.2560, 11.7058, -21.2725



209.2710, 5.7824, 12.0403



208.2490, -10.9688, 18.1986



203.8430, -5.3456, -12.1403



# Rectangle

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



204.2560, 11.7058, -21.2725



207.9530, 11.3622, -4.3438



208.2490, -10.9688, 18.1986



206.0360, -11.3567, 2.5994

# Sweetspot

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



204.2560, 11.7058, -21.2725



247.5800, 3.6581, -6.6477



210.0000, -6.9020, -26.3100



123.5480, 2.1948, -3.9886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

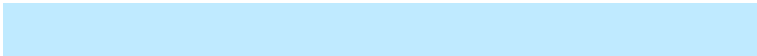


# Same Dimension

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



204.2560, 11.7058, -21.2725



223.5370, 15.5113, -28.5349



190.1680, 18.6512, -8.9173



109.0640, 2.9264, -5.3181



90.2590, 43.7493, -79.1571



25.7720, 12.4374, -22.6020



# Inverse Universe

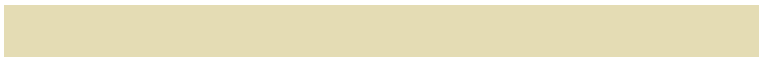
The Inverse Universe completely reimagines the original color for something new.



198.0000, 6.9020, 26.3100



215.0380, 9.3483, 35.0467



217.8320, -18.6512, 8.9173



107.5000, 1.7255, 6.5775



67.0870, 25.5931, 98.1477

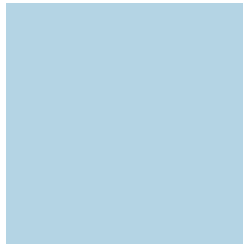


19.1250, 7.3334, 27.9544



# Previews

## White Background



This preview shows how the YUV color 204.2560, 11.7058, -21.2725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

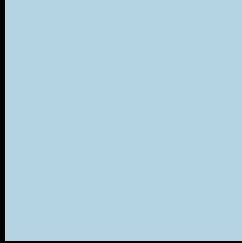
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.2560, 11.7058, -21.2725 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 204.2560, 11.7058, -21.2725

## Background



This preview shows how black text looks on a background with the YUV color 204.2560, 11.7058, -21.2725.



This preview shows how white text looks on a background with the YUV color 204.2560, 11.7058, -21.2725.

-21.2725.

# 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

204.2560, 11.7058, -21.2725

### Protanopia

207.1660, 8.2992, -1.8996

### Deuteranopia

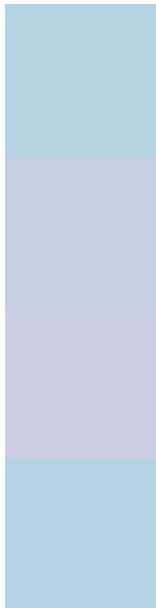
208.7910, 10.4560, 6.3223



## **Tritanopia**

204.3700, 12.1426, -21.3725

# Trichromacy



## Original Color

204.2560, 11.7058, -21.2725

## Protanomaly

206.3500, 9.1945, -9.0769

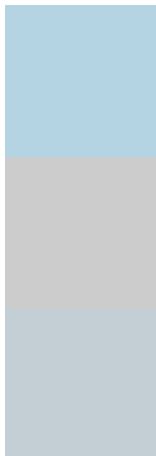
## Deuteranomaly

207.1380, 10.7780, -3.6290

## Tritanomaly

204.3700, 12.1426, -21.3725

# Monochromacy



## Original Color

204.2560, 11.7058, -21.2725

## Achromatopsia

204.0000, 0.0000, 0.0000

## Achromatomaly

204.0960, 4.3897, -7.9772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.2560, 11.7058, -21.2725 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(180, 212, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 228)  
}
```

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(180, 212, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 228) }
```

## Border

The CSS property to change the border of an element to YUV 204.2560, 11.7058, -21.2725 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(180, 212, 228) }
```



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

```
.border{ border-color:rgb(180, 212, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 212, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 228);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 204.2560, 11.7058, -21.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 228) }
```

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

```
.background{ background-color: rgb(180,  
212, 228) }
```

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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