

Converting Colors

YUV(202.5790, -35.2884,
-21.5558)

Have a look what the booklet for
YUV(202.5790, -35.2884, -21.5558)
contains.

| | |
|--|----|
| YUV(202.5790, -35.2884, -21.5558) | 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(202.5790, -35.2884,
-21.5558)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B2E583 |
| RGB | 178, 229, 131 |
| RGB Percent | 70%, 90%, 51% |
| CMY | 0.3020, 0.1020, 0.4863 |
| CMYK | 0.22, 0.00, 0.43, 0.10 |
| HSL | 91°, 65%, 71% |
| HSV | 91°, 43%, 90% |
| XYZ | 50.4761, 67.1423, 31.7721 |
| YIQ | 202.5790, 1.0620, -41.2900 |

Conversions

Conversions Part 2

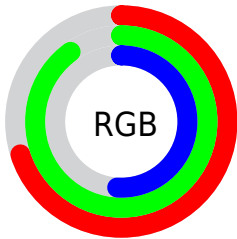
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 229, 182 |
| Decimal | 11724163 |
| CIELab | 85.58, -32.92, 42.48 |
| CIElCh | 86, 53.740, 127.779 |
| Yxy | 67.1423, 0.3379, 0.4494 |
| Android (android.graphics.Color) | 4289914243 (0xFFB2E583) |
| YUV | 202.5790, -35.2884, -21.5558 |
| Hunter-Lab | 81.9404, -33.4378, 34.3688 |

Details

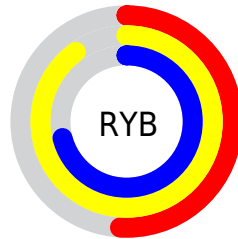
The YUV color $202.5790, -35.2884, -21.5558$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $157.4210, 35.2884, 21.5558$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.0400, -27.6277, -5.2971$, and $147.3340, -33.6887, -21.3409$ is the 20% darker color. If you saturate the color by 10%, you get $196.3690, -43.5659, -26.6336$, and if you desaturate by 10%, it is $208.7890, -27.0110, -16.4780$.

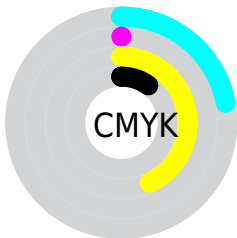
Distribution



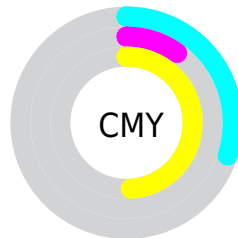
- Red (70%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (71%)



- Cyan (22%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5790, -35.2884, -21.5558 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 202.5790, -35.2884, -21.5558 by changing the saturation by 10% instead.

■ 202.5790,
-35.2884, -21.5558

■ 202.5790,
-35.2884, -21.5558

255.0000, 0.0000,
0.0000

■ 174.8070,
-34.4149, -21.7557

■ 241.0400,
-27.6277, -5.2971

■ 147.3340,
-33.6887, -21.3409

■ 250.2120,
-18.3455, 4.1991

■ 120.8610,
-32.9625, -20.9261

■ 253.5180, -5.6784,
1.2997

■ 94.9750, -32.5257,
-21.0261

■ 68.9210, -33.9781,
-21.8557

■ 46.7600, -23.0527,
-26.0995

■ 28.1760, -13.8908,

-24.7104

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 202.5790,
-35.2884, -21.5558

■ 202.5790,
-35.2884, -21.5558

■ 196.3690,
-43.5659, -26.6336

■ 208.7890,
-27.0110, -16.4780

■ 190.1590,
-51.8434, -31.7114

■ 214.9990,
-18.7335, -11.4001

■ 183.9490,
-60.1209, -36.7893

■ 221.2090,
-10.4560, -6.3223

■ 177.7390,
-68.3983, -41.8671

■ 227.4190, -2.1786,
-1.2445

■ 171.5290,
-76.6758, -46.9449

■ 233.5150, 5.6621,
3.9333

■ 167.3130,
-82.4853, -50.2635

■ 238.2430, 8.2612,
10.3109

■ 239.7380, 7.5242,
13.3848

Harmonies

Analogous

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



208.4120, -48.5171, 21.5637



202.5790, -35.2884, -21.5558



191.8450, -8.7976, -71.7781

Triad

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



202.5790, -35.2884, -21.5558



164.0800, 44.8236, -143.8982



200.2370, 0.8692, 48.0272

Complementary

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



202.5790, -35.2884, -21.5558



157.4210, 35.2884, 21.5558

Split Complementary

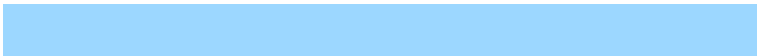
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209.5730, 21.4095, 39.8395



202.5790, -35.2884, -21.5558



201.9190, 26.1689, -40.2710

Square

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



202.5790, -35.2884, -21.5558



168.7760, 42.5084, -148.0166



214.6860, 19.8748, 18.6924



200.0480, -22.7017, 48.1929

Rectangle

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



202.5790, -35.2884, -21.5558



173.5620, 16.9779, -125.9039



214.6860, 19.8748, 18.6924



202.8760, 8.4421, 45.7127

Sweetspot

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



202.5790, -35.2884, -21.5558



246.1550, -11.9084, -7.1519



190.2390, -29.2048, 33.9934



122.3170, -7.5513, -4.6630



0.0000, 0.0000, 0.0000



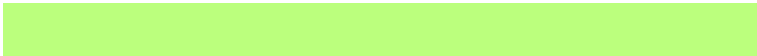
128.0000, 0.0000, 0.0000

Same Dimension

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



202.5790, -35.2884, -21.5558



219.8480, -46.7601, -28.8077



188.7540, -27.4867, -50.6503



111.8380, -4.3571, -2.4889



130.7870, -64.4780, -39.2782



37.1130, -18.2967, -11.5001

Inverse Universe

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



157.4210, 35.2884, 21.5558



160.1520, 46.7601, 28.8077



171.2460, 27.4867, 50.6503



106.1620, 4.3571, 2.4889



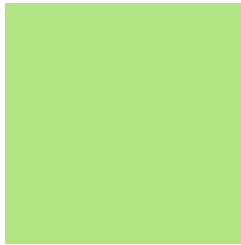
48.2130, 64.4780, 39.2782



13.8870, 18.2967, 11.5001

Previews

White Background



This preview shows how the YUV color 202.5790, -35.2884, -21.5558 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 202.5790, -35.2884, -21.5558 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 202.5790, -35.2884, -21.5558 Background



This preview shows how black text looks on a background with the YUV color 202.5790, -35.2884, -21.5558.



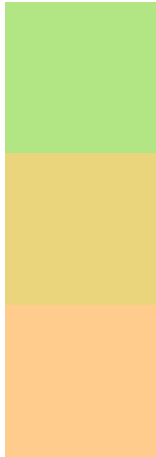
This preview shows how white text looks on a background with the YUV color 202.5790, -35.2884, -21.5558.

-21.5558.

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

202.5790, -35.2884, -21.5558

Protanopia

209.2470, -41.5338, 21.7084

Deuteranopia

212.0670, -35.0360, 37.6522



Tritanopia

211.7620, 10.9633, -16.4543

Trichromacy



Original Color

202.5790, -35.2884, -21.5558

Protanomaly

207.0170, -39.4484, 6.1241

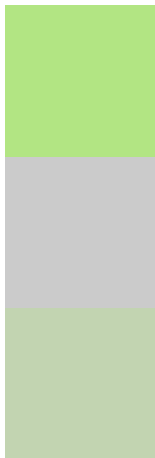
Deuteranomaly

208.5220, -35.2603, 16.2052

Tritanomaly

208.3970, -5.6187, -17.8882

Monochromacy



Original Color

202.5790, -35.2884, -21.5558

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.6280, -12.6346, -7.5668

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5790, -35.2884, -21.5558 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(178, 229, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 229, 131)  
}
```

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(178, 229, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 229, 131) }
```

Border

The CSS property to change the border of an element to YUV 202.5790, -35.2884, -21.5558 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(178, 229, 131) }
```


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

```
.border{ border-color:rgb(178, 229, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 229, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 229, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 229, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 229,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 202.5790, -35.2884, -21.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 229, 131) }
```

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

```
.background{ background-color: rgb(178,  
229, 131) }
```

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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