

Converting Colors

YUV(212.3290, -32.7002,
-11.6895)

Have a look what the booklet for
YUV(212.3290, -32.7002, -11.6895)
contains.

YUV(212.3290, -32.7002, -11.6895)	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(212.3290, -32.7002,
-11.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E892
RGB	199, 232, 146
RGB Percent	78%, 91%, 57%
CMY	0.2196, 0.0902, 0.4275
CMYK	0.14, 0.00, 0.37, 0.09
HSL	83°, 65%, 74%
HSV	83°, 37%, 91%
XYZ	57.5981, 71.9307, 38.0424
YIQ	212.3290, 7.9380, -33.7420

Conversions

Conversions Part 2

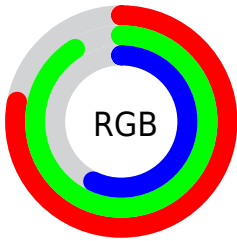
Format	Color
RYB	146, 232, 179
Decimal	13101202
CIELab	87.94, -24.88, 38.33
CIELCh	88, 45.701, 122.984
Yxy	71.9307, 0.3437, 0.4293
Android (android.graphics.Color)	4291291282 (0xFFC7E892)
YUV	212.3290, -32.7002, -11.6895
Hunter-Lab	84.8119, -27.1967, 32.7738

Details

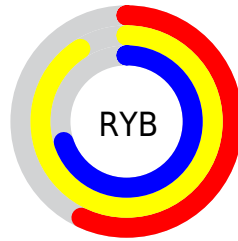
The YUV color **212.3290, -32.7002, -11.6895** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **165.6710, 32.7002, 11.6895**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.8440, -23.5871, 5.3988**, and **157.0840, -31.1004, -11.4747** is the 20% darker color. If you saturate the color by 10%, you get **207.0160, -41.4199, -14.9230**, and if you desaturate by 10%, it is **217.6420, -23.9805, -8.4560**.

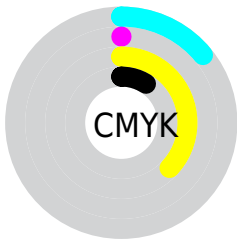
Distribution



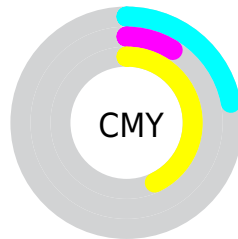
- Red (78%)
- Green (91%)
- Blue (57%)



- Red (57%)
- Yellow (91%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3290, -32.7002, -11.6895 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 212.3290, -32.7002, -11.6895 by changing the saturation by 10% instead.

■ 212.3290,
-32.7002, -11.6895

■ 212.3290,
-32.7002, -11.6895

255.0000, 0.0000,
0.0000

■ 184.5570,
-31.8266, -11.8895

■ 248.8440,
-23.5871, 5.3988

■ 157.0840,
-31.1004, -11.4747

■ 252.0360,
-11.3567, 2.5994

■ 130.8990,
-30.5162, -12.1894

■ 105.1270,
-29.6426, -12.3894

■ 80.1270, -29.6426,
-12.3894

■ 55.9960, -27.6060,
-12.2745

■ 35.6070, -17.5543,

-16.3183

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 212.3290,
-32.7002, -11.6895

■ 212.3290,
-32.7002, -11.6895

■ 207.0160,
-41.4199, -14.9230

■ 217.6420,
-23.9805, -8.4560

■ 201.7030,
-50.1396, -18.1565

■ 222.9550,
-15.2608, -5.2225

■ 196.2760,
-59.2961, -21.2901

■ 228.3820, -6.1043,
-2.0890

■ 190.9630,
-68.0158, -24.5236

■ 233.6950, 2.6154,
1.1445

■ 185.6500,
-76.7354, -27.7570

■ 238.2100, 8.2775,
5.0778

■ 180.6360,
-85.6025, -30.3758

■ 240.6020, 7.0982,
9.9960

■ 178.9410,
-88.2179, -31.5203

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



216.9700, -41.3972, 24.5823



212.3290, -32.7002, -11.6895



205.0540, -12.3516, -51.7904

Triad

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



212.3290, -32.7002, -11.6895



193.3160, 30.4102, -94.1161



210.8660, 3.5171, 38.7055

Complementary

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



212.3290, -32.7002, -11.6895



165.6710, 32.7002, 11.6895

Split Complementary

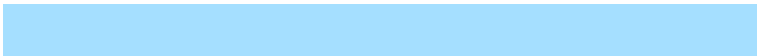
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.6060, 17.9422, 31.9175



212.3290, -32.7002, -11.6895



209.3060, 22.5271, -38.8564

Square

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



212.3290, -32.7002, -11.6895



179.4960, 37.2235, -132.8620



220.2350, 17.1391, 9.4409



208.3120, -16.4228, 40.9454

Rectangle

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



212.3290, -32.7002, -11.6895



198.3460, 4.7594, -80.1104



220.2350, 17.1391, 9.4409



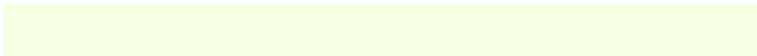
213.1630, 9.7796, 36.6910

Sweetspot

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



212.3290, -32.7002, -11.6895



248.5190, -10.6089, -3.9632



191.0850, -22.2269, 35.8825



123.9690, -6.3937, -2.6038



0.0000, 0.0000, 0.0000



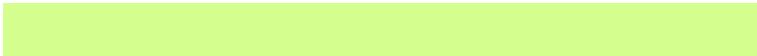
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3290, -32.7002, -11.6895



229.3750, -42.5829, -15.2379



199.4720, -26.3617, -38.1249



112.1370, -4.5045, -1.8741



137.9630, -68.0158, -24.5236



39.2060, -19.3286, -7.1967

Inverse Universe

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



165.6710, 32.7002, 11.6895



168.6250, 42.5829, 15.2379



178.5280, 26.3617, 38.1249



105.8630, 4.5045, 1.8741



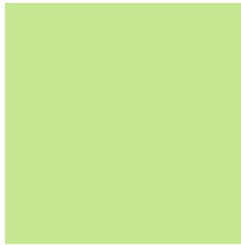
40.7380, 68.1632, 23.9088



11.7940, 19.3286, 7.1967

Previews

White Background



This preview shows how the YUV color 212.3290, -32.7002, -11.6895 looks on a white background.

Color Contrast Check

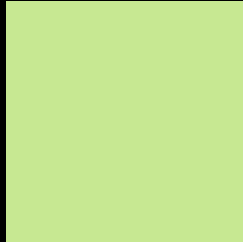
Large Text (above 18pt) WCAG AA × Fail

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 212.3290, -32.7002, -11.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

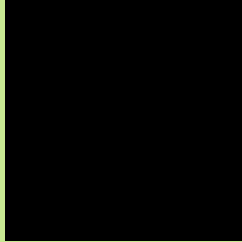
Any Text WCAG AA ✓ Pass

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 212.3290, -32.7002, -11.6895 Background



This preview shows how black text looks on a background with the YUV color 212.3290, -32.7002, -11.6895.



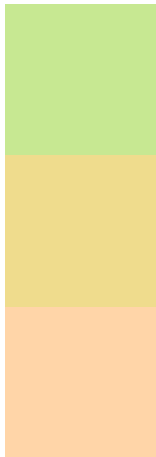
This preview shows how white text looks on a background with the YUV color 212.3290, -32.7002, -11.6895.

-11.6895.

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

212.3290, -32.7002, -11.6895

Protanopia

216.6750, -37.3078, 19.5790

Deuteranopia

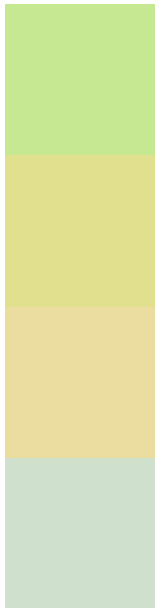
220.4280, -25.8470, 30.3196



Tritanopia

220.2470, 8.7522, -7.2326

Trichromacy



Original Color

212.3290, -32.7002, -11.6895

Protanomaly

214.7660, -35.3806, 8.0982

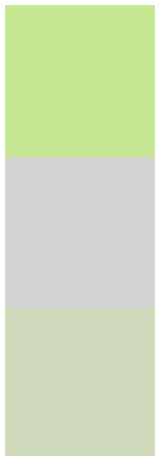
Deuteranomaly

217.6450, -28.4190, 15.2203

Tritanomaly

217.3380, -6.0826, -9.0664

Monochromacy



Original Color

212.3290, -32.7002, -11.6895

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.8780, -11.7719, -4.2780

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3290, -32.7002, -11.6895 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(199, 232, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 232, 146)  
}
```

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(199, 232, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 232, 146) }
```

Border

The CSS property to change the border of an element to YUV 212.3290, -32.7002, -11.6895 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(199, 232, 146) }
```


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

```
.border{ border-color:rgb(199, 232, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 232, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 232, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 232, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 232,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 212.3290, -32.7002, -11.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 232, 146) }
```

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

```
.background{ background-color: rgb(199,  
232, 146) }
```

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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