

Converting Colors

YUV(197.7140, -29.9320,
-12.9042)

Have a look what the booklet for
YUV(197.7140, -29.9320, -12.9042)
contains.

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Color

**YUV(197.7140, -29.9320,
-12.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D989
RGB	183, 217, 137
RGB Percent	72%, 85%, 54%
CMY	0.2824, 0.1490, 0.4627
CMYK	0.16, 0.00, 0.37, 0.15
HSL	85°, 51%, 69%
HSV	85°, 37%, 85%
XYZ	48.8567, 61.4991, 32.9624
YIQ	197.7140, 5.4160, -32.0880

Conversions

Conversions Part 2

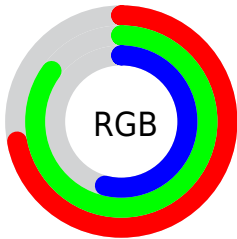
Format	Color
RYB	137, 217, 171
Decimal	12048777
CIELab	82.65, -24.67, 35.79
CIElCh	83, 43.469, 124.583
Yxy	61.4991, 0.3409, 0.4291
Android (android.graphics.Color)	4290238857 (0xFFB7D989)
YUV	197.7140, -29.9320, -12.9042
Hunter-Lab	78.4214, -26.0316, 29.9739

Details

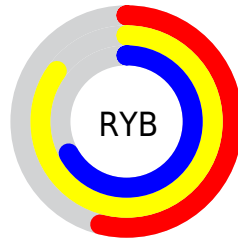
The YUV color $197.7140, -29.9320, -12.9042$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $156.2860, 29.9320, 12.9042$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2190, -25.7440, -2.8231$, and $143.4690, -28.3322, -12.6893$ is the 20% darker color. If you saturate the color by 10%, you get $192.5150, -38.2149, -16.2377$, and if you desaturate by 10%, it is $202.9130, -21.6491, -9.5707$.

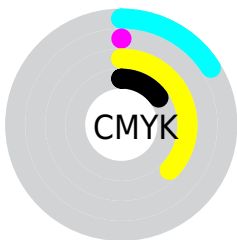
Distribution



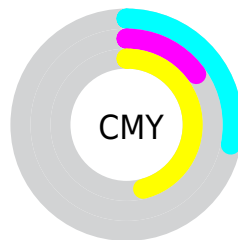
- Red (72%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7140, -29.9320, -12.9042 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 197.7140, -29.9320, -12.9042 by changing the saturation by 10% instead.

■ 197.7140,
-29.9320, -12.9042

■ 197.7140,
-29.9320, -12.9042

255.0000, 0.0000,
0.0000

■ 170.2410,
-29.2058, -12.4894

■ 243.2190,
-25.7440, -2.8231

■ 143.4690,
-28.3322, -12.6893

■ 250.8960,
-15.7247, 3.5992

■ 117.5830,
-27.8954, -12.7893

■ 254.2020, -3.0576,
0.6998

■ 91.8110, -27.0218,
-12.9892

■ 67.6970, -27.4586,
-12.8893

■ 45.0650, -22.2170,
-14.0890

■ 23.7790, -11.7230,

-19.9772

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 197.7140,
-29.9320, -12.9042

■ 197.7140,
-29.9320, -12.9042

■ 192.5150,
-38.2149, -16.2377

■ 202.9130,
-21.6491, -9.5707

■ 187.4300,
-46.0610, -19.6711

■ 207.9980,
-13.8030, -6.1372

■ 181.9320,
-54.1965, -23.6194

■ 213.4960, -5.6675,
-2.1890

■ 176.7330,
-62.4794, -26.9528

■ 218.6950, 2.6154,
1.1445

■ 171.5340,
-70.7623, -30.2863

■ 223.8940, 10.8983,
4.4780

■ 166.4490,
-78.6084, -33.7198

■ 227.6110, 13.5028,
9.1112

■ 164.7540,
-81.2237, -34.8643

■ 230.6010, 12.0287,
15.2589

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



202.2300, -39.0604, 21.7233



197.7140, -29.9320, -12.9042



191.1080, -10.8992, -50.9607

Triad

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



197.7140, -29.9320, -12.9042



182.7390, 35.6247, -86.5941



201.2970, -0.1464, 47.0975

Complementary

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



197.7140, -29.9320, -12.9042



156.2860, 29.9320, 12.9042

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.



208.9060, 16.3153, 40.4244



197.7140, -29.9320, -12.9042



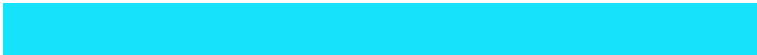
198.1090, 28.0473, -36.0526

Square

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



197.7140, -29.9320, -12.9042



168.1530, 40.8436, -127.2992



207.8420, 23.2489, 9.7856



199.6720, -19.0653, 48.5227

Rectangle

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



197.7140, -29.9320, -12.9042



184.4110, 6.2064, -77.5364



207.8420, 23.2489, 9.7856



203.4800, 5.6794, 45.1830

Sweetspot

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



197.7140, -29.9320, -12.9042



248.2200, -10.4615, -4.5779



180.2910, -21.3425, 32.1938



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



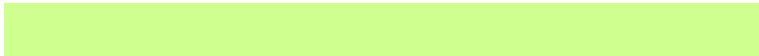
128.0000, 0.0000, 0.0000

Same Dimension

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



197.7140, -29.9320, -12.9042



227.8800, -41.8458, -18.3118



186.0530, -24.1831, -36.8805



107.2510, -4.0677, -1.9741



131.4510, -64.8053, -27.5825



34.7760, -17.1446, -7.6966

Inverse Universe

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



156.2860, 29.9320, 12.9042



169.8210, 41.9932, 17.6970



167.9470, 24.1831, 36.8805



101.4500, 4.2151, 1.3593



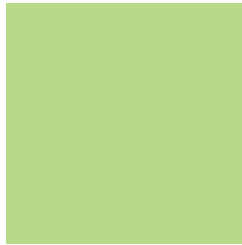
41.8480, 64.6579, 28.1973



11.2240, 17.1446, 7.6966

Previews

White Background



This preview shows how the YUV color 197.7140, -29.9320, -12.9042 looks on a white background.

Color Contrast Check

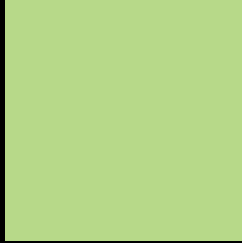
Large Text (above 18pt) WCAG AA × Fail

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 197.7140, -29.9320, -12.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

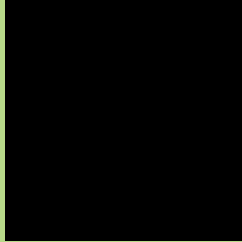
Any Text WCAG AA ✓ Pass

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 197.7140, -29.9320, -12.9042 Background



This preview shows how black text looks on a background with the YUV color 197.7140, -29.9320, -12.9042.



This preview shows how white text looks on a background with the YUV color 197.7140, -29.9320, -12.9042.

-12.9042.

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

197.7140, -29.9320, -12.9042

Protanopia

202.0600, -34.5396, 18.3644

Deuteranopia

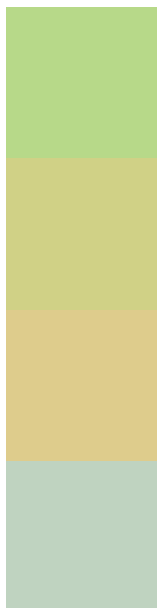
204.4950, -30.8100, 35.5229



Tritanopia

205.2360, 8.7577, -8.9770

Trichromacy



Original Color

197.7140, -29.9320, -12.9042

Protanomaly

200.1510, -32.6124, 6.8836

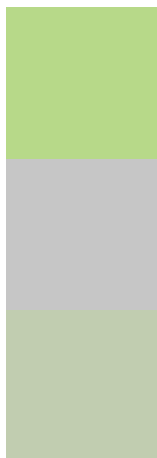
Deuteranomaly

202.0860, -30.6084, 17.4646

Tritanomaly

202.8540, -5.3510, -10.3960

Monochromacy



Original Color

197.7140, -29.9320, -12.9042

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1060, -10.8983, -4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7140, -29.9320, -12.9042 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(183, 217, 137)` looks like.

```
.text, #text, p{  
    color:rgb(183, 217, 137)  
}
```

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(183, 217, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 217, 137) }
```

Border

The CSS property to change the border of an element to YUV 197.7140, -29.9320, -12.9042 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(183, 217, 137) }
```


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

```
.border{ border-color:rgb(183, 217, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 217, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 217, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 217, 137); box-shadow:4px 4px 4px 4px rgb(183, 217, 137) }
```

Background

The CSS property to change the background color of an element to YUV 197.7140, -29.9320, -12.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 217, 137) }
```

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

```
.background{ background-color: rgb(183,  
217, 137) }
```

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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