

Converting Colors

YUV(208.3440, -28.7636,
-14.3337)

Have a look what the booklet for
YUV(208.3440, -28.7636, -14.3337)
contains.

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Color

**YUV(208.3440, -28.7636,
-14.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E496
RGB	192, 228, 150
RGB Percent	75%, 89%, 59%
CMY	0.2471, 0.1059, 0.4118
CMYK	0.16, 0.00, 0.34, 0.11
HSL	88°, 59%, 74%
HSV	88°, 34%, 89%
XYZ	54.9867, 68.8953, 39.2542
YIQ	208.3440, 3.5820, -31.8900

Conversions

Conversions Part 2

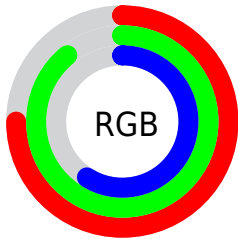
Format	Color
RYB	150, 228, 186
Decimal	12641430
CIELab	86.45, -24.98, 34.30
CIElCh	86, 42.431, 126.068
Yxy	68.8953, 0.3371, 0.4223
Android (android.graphics.Color)	4290831510 (0xFFC0E496)
YUV	208.3440, -28.7636, -14.3337
Hunter-Lab	83.0032, -27.0057, 30.0626

Details

The YUV color $208.3440, -28.7636, -14.3337$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $169.6560, 28.7636, 14.3337$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5060, -20.9555, 1.3102$, and $153.0990, -27.1638, -14.1188$ is the 20% darker color. If you saturate the color by 10%, you get $202.4330, -37.1885, -18.7967$, and if you desaturate by 10%, it is $214.2550, -20.3387, -9.8706$.

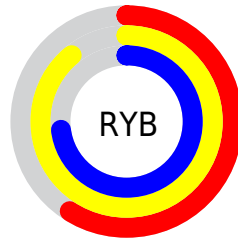
Distribution



Red (75%)

Green (89%)

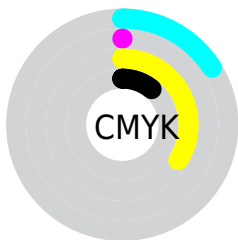
Blue (59%)



Red (59%)

Yellow (89%)

Blue (73%)

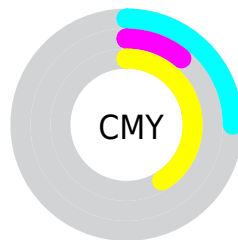


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.3440, -28.7636, -14.3337 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 208.3440, -28.7636, -14.3337 by changing the saturation by 10% instead.

■ 208.3440,
-28.7636, -14.3337

■ 208.3440,
-28.7636, -14.3337

■ 255.0000, 0.0000,
0.0000

■ 180.5720,
-27.8900, -14.5336

■ 247.5060,
-20.9555, 1.3102

■ 153.0990,
-27.1638, -14.1188

■ 252.4920, -9.6096,
2.1995

■ 127.2130,
-26.7270, -14.2188

■ 101.7400,
-26.0008, -13.8040

■ 76.9680, -25.1272,
-14.0039

■ 52.4410, -25.8534,
-14.4188

■ 31.7640, -15.6597,

-17.3330

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 208.3440,
-28.7636, -14.3337

■ 208.3440,
-28.7636, -14.3337

■ 202.4330,
-37.1885, -18.7967

■ 214.2550,
-20.3387, -9.8706

■ 196.8210,
-45.7608, -22.6450

■ 219.8670,
-11.7664, -6.0224

■ 191.0240,
-53.7488, -27.2080

■ 225.6640, -3.7784,
-1.4593

■ 185.4120,
-62.3211, -31.0563

■ 231.2760, 4.7939,
2.3889

■ 179.5010,
-70.7460, -35.5194

■ 236.1610, 9.2876,
7.7518

■ 173.8890,
-79.3183, -39.3677

■ 239.1510, 7.8136,
13.8996

■ 170.6130,
-84.1122, -41.7566

Harmonies

Analogous

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



213.1480, -38.0340, 19.1642



208.3440, -28.7636, -14.3337



201.4500, -9.5888, -51.2606

Triad

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



208.3440, -28.7636, -14.3337



195.4860, 29.3404, -77.6022



208.7800, 0.6015, 40.5349

Complementary

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



208.3440, -28.7636, -14.3337



169.6560, 28.7636, 14.3337

Split Complementary

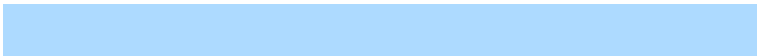
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2750, 16.6264, 33.9618



208.3440, -28.7636, -14.3337



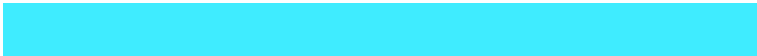
208.7630, 22.7948, -31.3642

Square

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



208.3440, -28.7636, -14.3337



186.4390, 33.8006, -108.2560



217.5990, 18.4387, 12.6297



207.8560, -18.1700, 41.3453

Rectangle

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



208.3440, -28.7636, -14.3337



196.1230, 6.3484, -76.4069



217.5990, 18.4387, 12.6297



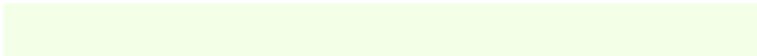
210.8490, 5.9904, 38.7204

Sweetspot

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



208.3440, -28.7636, -14.3337



248.5620, -9.1511, -4.8779



193.8670, -21.6264, 29.9346



123.7840, -5.8095, -3.3186



0.0000, 0.0000, 0.0000



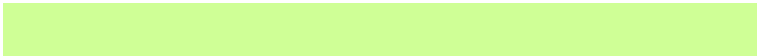
128.0000, 0.0000, 0.0000

Same Dimension

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



208.3440, -28.7636, -14.3337



228.6780, -38.7883, -19.0116



196.9820, -23.1621, -37.6952



111.8380, -4.3571, -2.4889



133.7770, -65.9521, -33.1304



38.0100, -18.7389, -9.6558

Inverse Universe

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



169.6560, 28.7636, 14.3337



176.6210, 38.6408, 19.6264



181.0180, 23.1621, 37.6952



106.1620, 4.3571, 2.4889



44.9240, 66.0995, 32.5157



12.9900, 18.7389, 9.6558

Previews

White Background



This preview shows how the YUV color 208.3440, -28.7636, -14.3337 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 208.3440, -28.7636, -14.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

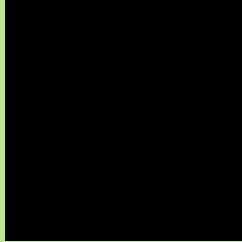
Any Text WCAG AA ✓ Pass

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 208.3440, -28.7636, -14.3337 Background



This preview shows how black text looks on a background with the YUV color 208.3440, -28.7636, -14.3337.



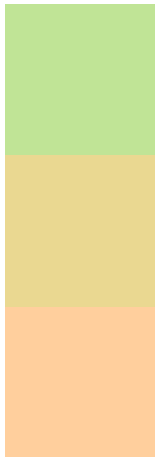
This preview shows how white text looks on a background with the YUV color 208.3440, -28.7636, -14.3337.

-14.3337.

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

208.3440, -28.7636, -14.3337

Protanopia

213.2880, -33.6660, 18.1644

Deuteranopia

215.6520, -28.9154, 34.5082



Tritanopia

215.1650, 9.7787, -9.7917

Trichromacy



Original Color

208.3440, -28.7636, -14.3337

Protanomaly

211.3790, -31.7388, 6.6836

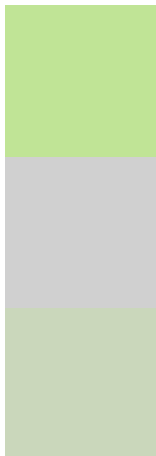
Deuteranomaly

213.1290, -29.1506, 16.5499

Tritanomaly

212.7830, -4.3300, -11.2107

Monochromacy



Original Color

208.3440, -28.7636, -14.3337

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.9210, -10.3141, -5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.3440, -28.7636, -14.3337 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(192, 228, 150)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 150)  
}
```

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(192, 228, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 150) }
```

Border

The CSS property to change the border of an element to YUV 208.3440, -28.7636, -14.3337 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(192, 228, 150) }
```


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

```
.border{ border-color:rgb(192, 228, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 228, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 228, 150);  
box-shadow:4px 4px 4px 4px rgb(192, 228,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 208.3440, -28.7636, -14.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 150) }
```

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

```
.background{ background-color: rgb(192,  
228, 150) }
```

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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