

Converting Colors

YUV(200.2370, -33.1478,
-8.1008)

Have a look what the booklet for
YUV(200.2370, -33.1478, -8.1008)
contains.

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Color

**YUV(200.2370, -33.1478,
-8.1008)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDA85
RGB	191, 218, 133
RGB Percent	75%, 85%, 52%
CMY	0.2510, 0.1451, 0.4784
CMYK	0.12, 0.00, 0.39, 0.15
HSL	79°, 53%, 69%
HSV	79°, 39%, 85%
XYZ	50.7909, 62.9126, 31.6567
YIQ	200.2370, 11.1930, -32.1590

Conversions

Conversions Part 2

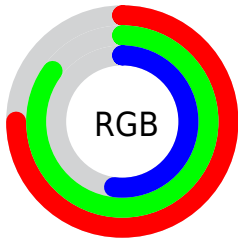
Format	Color
RYB	133, 218, 160
Decimal	12573317
CIELab	83.40, -22.69, 38.88
CIELCh	83, 45.014, 120.267
Yxy	62.9126, 0.3494, 0.4328
Android (android.graphics.Color)	4290763397 (0xFFBFDA85)
YUV	200.2370, -33.1478, -8.1008
Hunter-Lab	79.3175, -24.5032, 31.8588

Details

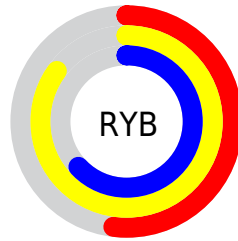
The YUV color $200.2370, -33.1478, -8.1008$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $150.7630, 33.1478, 8.1008$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1550, -28.6704, 2.4951$, and $145.6930, -31.4006, -8.5008$ is the 20% darker color. If you saturate the color by 10%, you get $195.6360, -41.7255, -10.2048$, and if you desaturate by 10%, it is $204.8380, -24.5701, -5.9969$.

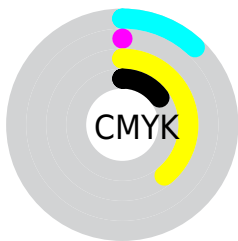
Distribution



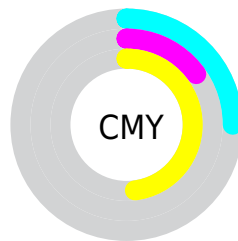
- Red (75%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2370, -33.1478, -8.1008 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 200.2370, -33.1478, -8.1008 by changing the saturation by 10% instead.

■ 200.2370,
-33.1478, -8.1008

■ 200.2370,
-33.1478, -8.1008

255.0000, 0.0000,
0.0000

■ 172.4650,
-32.2742, -8.3008

■ 245.1550,
-28.6704, 2.4951

■ 145.6930,
-31.4006, -8.5008

■ 250.4400,
-17.4719, 3.9991

■ 119.8070,
-30.9639, -8.6007

■ 253.7460, -4.8048,
1.0998

■ 94.0350, -30.0903,
-8.8007

■ 69.2800, -31.6900,
-9.0156

■ 47.7450, -23.5383,
-10.3004

■ 26.7580, -13.1917,

-15.5738

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 200.2370,
-33.1478, -8.1008

■ 200.2370,
-33.1478, -8.1008

■ 195.6360,
-41.7255, -10.2048

■ 204.8380,
-24.5701, -5.9969

■ 191.0350,
-50.3033, -12.3087

■ 209.4390,
-15.9924, -3.8930

■ 186.5480,
-58.4442, -14.5126

■ 213.9260, -7.8515,
-1.6891

■ 181.9470,
-67.0219, -16.6165

■ 218.5270, 0.7262,
0.4148

■ 177.3460,
-75.5996, -18.7204

■ 223.1280, 9.3039,
2.5187

■ 172.7450,
-84.1773, -20.8244

■ 226.7030, 13.9504,
5.5225

■ 172.5170,
-85.0509, -20.6244

■ 228.4970, 13.0660,
9.2111

■ 230.5900, 12.0341,
13.5146

■ 232.6830, 11.0023,
17.8180

Harmonies

Analogous

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



204.5080, -40.6764, 26.7415



200.2370, -33.1478, -8.1008



193.2180, -14.4045, -46.6722

Triad

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



200.2370, -33.1478, -8.1008



179.1070, 37.4152, -100.9488



202.7960, 3.0586, 45.7829

Complementary

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



200.2370, -33.1478, -8.1008



150.7630, 33.1478, 8.1008

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.



211.6930, 19.3784, 37.9802



200.2370, -33.1478, -8.1008



197.1680, 28.5112, -44.8743

Square

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



200.2370, -33.1478, -8.1008



162.8090, 42.4922, -142.7835



208.3960, 22.9758, 4.0377



199.7690, -16.1551, 48.4376

Rectangle

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



200.2370, -33.1478, -8.1008



187.0970, 2.4172, -75.5071



208.3960, 22.9758, 4.0377



204.9790, 8.8844, 43.8684

Sweetspot

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



200.2370, -33.1478, -8.1008



248.4760, -12.0667, -3.0485



174.2640, -20.3432, 38.3565



124.1540, -6.9779, -1.8891



0.0000, 0.0000, 0.0000



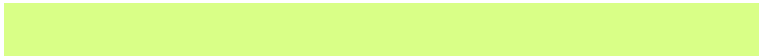
128.0000, 0.0000, 0.0000

Same Dimension

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



200.2370, -33.1478, -8.1008



229.9580, -46.8143, -11.3642



187.6790, -26.9567, -33.9215



107.5500, -4.2151, -1.3593



136.8330, -67.4587, -16.5165



36.2710, -17.8816, -4.6227

Inverse Universe

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



150.7630, 33.1478, 8.1008



160.0420, 46.8143, 11.3642



163.3210, 26.9567, 33.9215



101.1510, 4.3626, 0.7446



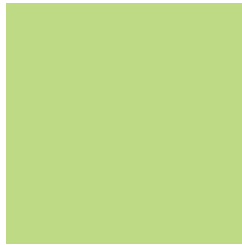
36.1670, 67.4587, 16.5165



9.7290, 17.8816, 4.6227

Previews

White Background



This preview shows how the YUV color 200.2370, -33.1478, -8.1008 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 200.2370, -33.1478, -8.1008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

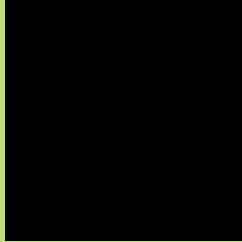
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.2370, -33.1478, -8.1008

Background



This preview shows how black text looks on a background with the YUV color 200.2370, -33.1478, -8.1008.



This preview shows how white text looks on a background with the YUV color 200.2370, -33.1478, -8.1008.

-8.1008.

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

200.2370, -33.1478, -8.1008

Protanopia

203.7890, -36.8710, 19.4790

Deuteranopia

206.2950, -34.1624, 37.4523



Tritanopia

207.7420, 8.0152, -4.1587

Trichromacy



Original Color

200.2370, -33.1478, -8.1008

Protanomaly

202.3640, -35.6755, 9.3278

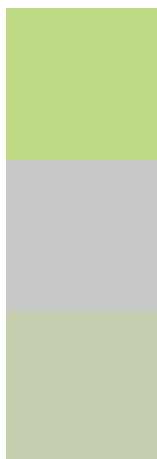
Deuteranomaly

204.0110, -33.5294, 21.0384

Tritanomaly

205.1320, -6.9671, -5.3778

Monochromacy



Original Color

200.2370, -33.1478, -8.1008

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.4760, -12.0667, -3.0485

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2370, -33.1478, -8.1008 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(191, 218, 133)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 133)  
}
```

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(191, 218, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 133) }
```

Border

The CSS property to change the border of an element to YUV 200.2370, -33.1478, -8.1008 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(191, 218, 133) }
```


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

```
.border{ border-color:rgb(191, 218, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 133);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 200.2370, -33.1478, -8.1008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 133) }
```

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

```
.background{ background-color: rgb(191,  
218, 133) }
```

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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