

Converting Colors

YUV(204.4370, -33.2464,
-23.1852)

Have a look what the booklet for
YUV(204.4370, -33.2464, -23.1852)
contains.

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Color

**YUV(204.4370, -33.2464,
-23.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E789
RGB	178, 231, 137
RGB Percent	70%, 91%, 54%
CMY	0.3020, 0.0941, 0.4627
CMYK	0.23, 0.00, 0.41, 0.09
HSL	94°, 66%, 72%
HSV	94°, 41%, 91%
XYZ	51.4514, 68.4229, 34.1621
YIQ	204.4370, -1.4140, -40.4700

Conversions

Conversions Part 2

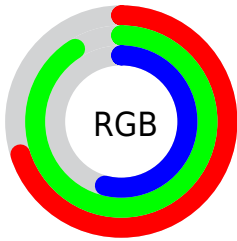
Format	Color
RYB	137, 231, 190
Decimal	11724681
CIELab	86.22, -33.10, 40.34
CIElCh	86, 52.176, 129.371
Yxy	68.4229, 0.3340, 0.4442
Android (android.graphics.Color)	4289914761 (0xFFB2E789)
YUV	204.4370, -33.2464, -23.1852
Hunter-Lab	82.7182, -33.7283, 33.4163

Details

The YUV color $204.4370, -33.2464, -23.1852$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $163.5630, 33.2464, 23.1852$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.7240, -25.0069, -5.8969$, and $149.1920, -31.6467, -22.9704$ is the 20% darker color. If you saturate the color by 10%, you get $197.9280, -41.3765, -28.8779$, and if you desaturate by 10%, it is $210.9460, -25.1164, -17.4926$.

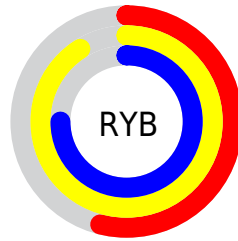
Distribution



Red (70%)

Green (91%)

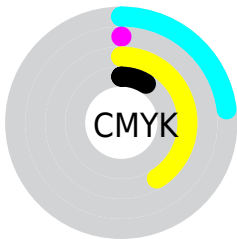
Blue (54%)



Red (54%)

Yellow (91%)

Blue (75%)

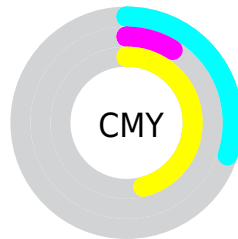


Cyan (23%)

Magenta (0%)

Yellow (41%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4370, -33.2464, -23.1852 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 204.4370, -33.2464, -23.1852 by changing the saturation by 10% instead.

■ 204.4370,
-33.2464, -23.1852

■ 204.4370,
-33.2464, -23.1852

255.0000, 0.0000,
0.0000

■ 176.6650,
-32.3728, -23.3852

■ 241.7240,
-25.0069, -5.8969

■ 149.1920,
-31.6467, -22.9704

■ 251.0100,
-15.2879, 3.4992

■ 122.7190,
-30.9205, -22.5556

■ 254.3160, -2.6208,
0.5999

■ 96.8330, -30.4837,
-22.6555

■ 71.1920, -31.6467,
-22.9704

■ 47.9340, -23.6315,
-27.1291

■ 29.3500, -14.4695,

-25.7399

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 204.4370,
-33.2464, -23.1852

■ 204.4370,
-33.2464, -23.1852

■ 197.9280,
-41.3765, -28.8779

■ 210.9460,
-25.1164, -17.4926

■ 191.4190,
-49.5066, -34.5705

■ 217.4550,
-16.9863, -11.8000

■ 184.9100,
-57.6366, -40.2631

■ 223.9640, -8.8563,
-6.1074

■ 178.4010,
-65.7667, -45.9557

■ 230.4730, -0.7262,
-0.4148

■ 171.8920,
-73.8968, -51.6483

■ 237.0960, 7.8407,
5.1778

■ 165.7960,
-81.7374, -56.8261

■ 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



210.5580, -46.6171, 18.8046



204.4370, -33.2464, -23.1852



194.1870, -7.4872, -72.0780

Triad

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



204.4370, -33.2464, -23.1852



178.4320, 37.7480, -114.3889



202.5850, -0.2884, 45.9680

Complementary

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



204.4370, -33.2464, -23.1852



163.5630, 33.2464, 23.1852

Split Complementary

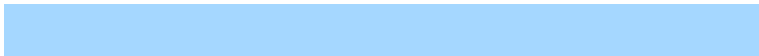
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.2200, 20.1045, 38.3951



204.4370, -33.2464, -23.1852



204.6100, 24.8423, -34.7380

Square

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



204.4370, -33.2464, -23.1852



169.3630, 42.2190, -148.5314



216.7680, 18.8484, 21.2515



201.9230, -23.1330, 46.5485

Rectangle

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



204.4370, -33.2464, -23.1852



178.6060, 16.9562, -118.9265



216.7680, 18.8484, 21.2515



204.5230, 7.1372, 44.2683

Sweetspot

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



204.4370, -33.2464, -23.1852



246.3830, -11.0348, -7.3519



195.6300, -28.9046, 31.0195



122.6590, -6.2409, -4.9629



0.0000, 0.0000, 0.0000



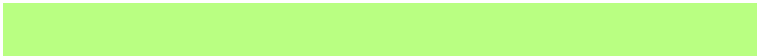
128.0000, 0.0000, 0.0000

Same Dimension

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



204.4370, -33.2464, -23.1852



219.8200, -44.2813, -30.5371



192.7480, -25.0188, -48.8910



111.5390, -4.2097, -3.1037



128.3950, -63.2987, -44.1964



36.5150, -18.0019, -12.7297

Inverse Universe

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



163.5630, 33.2464, 23.1852



165.4790, 44.1339, 31.1519



175.2520, 25.0188, 48.8910



106.4610, 4.2097, 3.1037



50.6050, 63.2987, 44.1964



14.4850, 18.0019, 12.7297

Previews

White Background



This preview shows how the YUV color 204.4370, -33.2464, -23.1852 looks on a white background.

Color Contrast Check

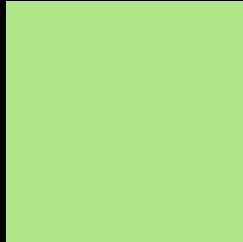
Large Text (above 18pt) WCAG AA × Fail

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 204.4370, -33.2464, -23.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

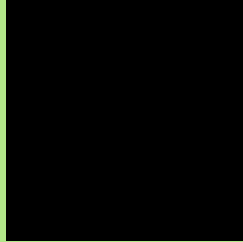
Any Text WCAG AA ✓ Pass

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 204.4370, -33.2464, -23.1852 Background



This preview shows how black text looks on a background with the YUV color 204.4370, -33.2464, -23.1852.



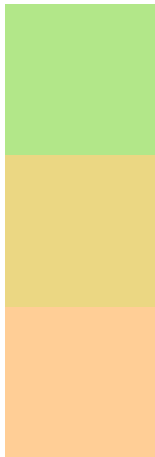
This preview shows how white text looks on a background with the YUV color 204.4370, -33.2464, -23.1852.

-23.1852.

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

204.4370, -33.2464, -23.1852

Protanopia

211.4040, -39.6392, 20.6937

Deuteranopia

214.2670, -31.6836, 35.7228



Tritanopia

213.2780, 11.6949, -17.7838

Trichromacy



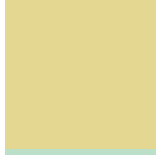
Original Color

204.4370, -33.2464, -23.1852



Protanomaly

208.8750, -37.4064, 4.4946



Deuteranomaly

210.6080, -32.3447, 14.3758



Tritanomaly

210.0270, -4.4503, -19.3177

Monochromacy



Original Color

204.4370, -33.2464, -23.1852



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.4430, -12.0504, -8.2815

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4370, -33.2464, -23.1852 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, 231, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 231, 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(178, 231, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 231, 137) }
```

Border

The CSS property to change the border of an element to YUV 204.4370, -33.2464, -23.1852 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, 231, 137) }
```


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

```
.border{ border-color:rgb(178, 231, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 231, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 231, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 231, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 231,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 204.4370, -33.2464, -23.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 231, 137) }
```

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

```
.background{ background-color: rgb(178,  
231, 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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