

Converting Colors

YUV(199.6190, -35.8012,
2.9651)

Have a look what the booklet for
YUV(199.6190, -35.8012, 2.9651)
contains.

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Color

**YUV(199.6190, -35.8012,
2.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD47F
RGB	203, 212, 127
RGB Percent	80%, 83%, 50%
CMY	0.2039, 0.1686, 0.5020
CMYK	0.04, 0.00, 0.40, 0.17
HSL	66°, 50%, 66%
HSV	66°, 40%, 83%
XYZ	52.0029, 61.3158, 29.1730
YIQ	199.6190, 21.9210, -28.3430

Conversions

Conversions Part 2

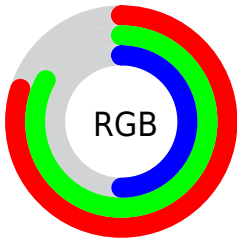
Format	Color
RYB	127, 212, 136
Decimal	13358207
CIELab	82.55, -15.83, 40.98
CIELCh	83, 43.928, 111.123
Yxy	61.3158, 0.3650, 0.4303
Android (android.graphics.Color)	4291548287 (0xFFCBD47F)
YUV	199.6190, -35.8012, 2.9651
Hunter-Lab	78.3044, -18.4888, 32.7241

Details

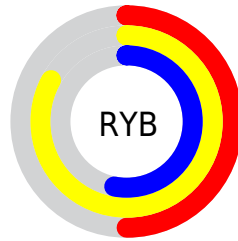
The YUV color $199.6190, -35.8012, 2.9651$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $139.3810, 35.8012, -2.9651$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $144.7760, -33.9066, 1.9504$ is the 20% darker color. If you saturate the color by 10%, you get $196.6270, -44.6791, 3.8351$, and if you desaturate by 10%, it is $202.6110, -26.9232, 2.0952$.

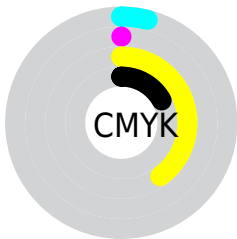
Distribution



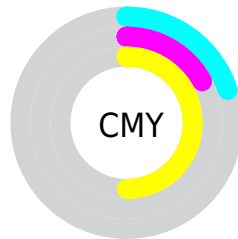
- Red (80%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6190, -35.8012, 2.9651 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 199.6190, -35.8012, 2.9651 by changing the saturation by 10% instead.

■ 199.6190,
-35.8012, 2.9651

■ 199.6190,
-35.8012, 2.9651

255.0000, 0.0000,
0.0000

■ 171.8470,
-34.9276, 2.7652

■ 246.5640,
-32.3231, 7.3984

■ 144.7760,
-33.9066, 1.9504

■ 249.7560,
-20.0927, 4.5990

■ 118.8900,
-33.4698, 1.8505

■ 252.9480, -7.8624,
1.7996

■ 93.5910, -33.3224,
1.2357

■ 68.7650, -33.9011,
0.2061

■ 48.3870, -23.8548,
-2.0934

■ 27.9980, -13.8030,

-6.1372

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 199.6190,
-35.8012, 2.9651

■ 199.6190,
-35.8012, 2.9651

■ 196.6270,
-44.6791, 3.8351

■ 202.6110,
-26.9232, 2.0952

■ 193.6350,
-53.5571, 4.7051

■ 205.6030,
-18.0453, 1.2252

■ 190.2300,
-62.7244, 5.0603

■ 209.0080, -8.8779,
0.8700

■ 187.2380,
-71.6023, 5.9303

■ 212.0000, 0.0000,
0.0000

■ 184.2460,
-80.4803, 6.8003

■ 214.9920, 8.8779,
-0.8700

■ 181.2540,
-89.3582, 7.6702

■ 217.9840, 17.7559,
-1.7400

■ 218.9950, 17.7505,
0.0044

■ 219.5930, 17.4557,
1.2339

■ 220.1910, 17.1608,
2.4635

Harmonies

Analogous

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



203.9050, -39.3932, 35.1633



199.6190, -35.8012, 2.9651



193.9870, -20.6996, -34.1916

Triad

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



199.6190, -35.8012, 2.9651



172.8280, 40.5108, -113.8592



203.3490, 7.7159, 45.2979

Complementary

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



199.6190, -35.8012, 2.9651



139.3810, 35.8012, -2.9651

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.



210.3330, 22.0208, 30.4030



199.6190, -35.8012, 2.9651



190.8780, 31.6121, -59.5290

Square

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



199.6190, -35.8012, 2.9651



170.0910, 31.5071, -119.3518



203.2910, 25.4925, -9.9022



199.2620, -10.4822, 48.8822

Rectangle

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



199.6190, -35.8012, 2.9651



188.7200, -5.7780, -60.2674



203.2910, 25.4925, -9.9022



206.7060, 12.9629, 42.3538

Sweetspot

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



199.6190, -35.8012, 2.9651



250.5690, -13.0985, 1.2550



157.6980, -15.1341, 47.6229



125.3500, -7.5676, 0.5700



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.



199.6190, -35.8012, 2.9651



237.2050, -51.3731, 4.2052



187.0610, -29.6101, -22.8555



105.4470, -4.6574, 0.4850



146.1240, -72.0391, 6.0303



36.9020, -18.1927, 1.8399

Inverse Universe

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



139.3810, 35.8012, -2.9651



150.7950, 51.3731, -4.2052



151.9390, 29.6101, 22.8555



97.8520, 4.5100, 0.1298



24.8760, 72.0391, -6.0303



6.3970, 18.0453, -1.2252

Previews

White Background



This preview shows how the YUV color 199.6190, -35.8012, 2.9651 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 199.6190, -35.8012, 2.9651 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 199.6190, -35.8012, 2.9651 Background



This preview shows how black text looks on a background with the YUV color 199.6190, -35.8012, 2.9651.



This preview shows how white text looks on a background with the YUV color 199.6190, -35.8012, 2.9651.

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

199.6190, -35.8012, 2.9651

Protanopia

201.4470, -38.1814, 19.7790

Deuteranopia

203.8390, -35.9096, 37.8522



Tritanopia

206.7110, 5.0725, 6.3925

Trichromacy



Original Color

199.6190, -35.8012, 2.9651

Protanomaly

200.9300, -37.4335, 13.2164

Deuteranomaly

202.4630, -35.7243, 25.0269

Tritanomaly

204.1010, -9.9098, 5.1734

Monochromacy



Original Color

199.6190, -35.8012, 2.9651

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5690, -13.0985, 1.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6190, -35.8012, 2.9651 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(203, 212, 127)` looks like.

```
.text, #text, p{  
    color:rgb(203, 212, 127)  
}
```

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(203, 212, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 212, 127) }
```

Border

The CSS property to change the border of an element to YUV 199.6190, -35.8012, 2.9651 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(203, 212, 127) }
```


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

```
.border{ border-color:rgb(203, 212, 127) }
```

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

Here you see how a box with a 4 pixel rgb(203, 212, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 212, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 212, 127);  
box-shadow:4px 4px 4px 4px rgb(203, 212,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 199.6190, -35.8012, 2.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 212, 127) }
```

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

```
.background{ background-color: rgb(203,  
212, 127) }
```

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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