

Converting Colors

YUV(205.5360, -50.0572,
2.1609)

Have a look what the booklet for
YUV(205.5360, -50.0572, 2.1609)
contains.

YUV(205.5360, -50.0572, 2.1609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(205.5360, -50.0572,
2.1609)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E068
RGB	208, 224, 104
RGB Percent	82%, 88%, 41%
CMY	0.1843, 0.1216, 0.5922
CMYK	0.07, 0.00, 0.54, 0.12
HSL	68°, 66%, 64%
HSV	68°, 54%, 88%
XYZ	55.1668, 67.7207, 23.2605
YIQ	205.5360, 28.9840, -40.7120

Conversions

Conversions Part 2

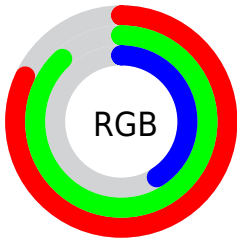
Format	Color
RYB	104, 224, 120
Decimal	13688936
CIELab	85.87, -22.00, 56.07
CIELCh	86, 60.235, 111.425
Yxy	67.7207, 0.3775, 0.4634
Android (android.graphics.Color)	4291879016 (0xFFD0E068)
YUV	205.5360, -50.0572, 2.1609
Hunter-Lab	82.2926, -24.3503, 40.8461

Details

The YUV color $205.5360, -50.0572, 2.1609$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $122.4640, 50.0572, -2.1609$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9420, -42.3694, 9.6979$, and $150.0520, -49.3256, 0.8314$ is the 20% darker color. If you saturate the color by 10%, you get $202.1310, -59.2246, 2.5161$, and if you desaturate by 10%, it is $208.9410, -40.8899, 1.8057$.

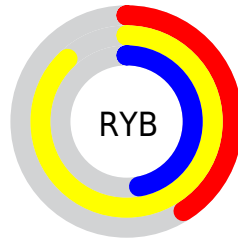
Distribution



Red (82%)

Green (88%)

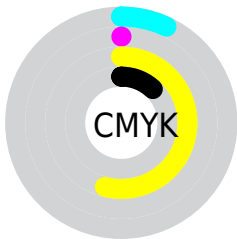
Blue (41%)



Red (41%)

Yellow (88%)

Blue (47%)

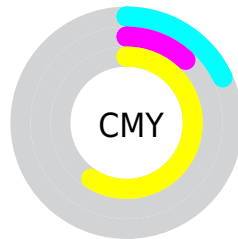


Cyan (7%)

Magenta (0%)

Yellow (54%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5360, -50.0572, 2.1609 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 205.5360, -50.0572, 2.1609 by changing the saturation by 10% instead.

■ 205.5360,
-50.0572, 2.1609

■ 205.5360,
-50.0572, 2.1609

■ 255.0000, 0.0000,
0.0000

■ 177.3510,
-49.4730, 1.4462

■ 243.9420,
-42.3694, 9.6979

■ 150.0520,
-49.3256, 0.8314

■ 247.1340,
-30.1391, 6.8985

■ 122.5960,
-51.0728, 1.2313

■ 250.4400,
-17.4719, 3.9991

■ 97.6820, -48.1572,
-0.5981

■ 253.7460, -4.8048,
1.0998

■ 75.2330, -37.0899,
-3.7123

■ 53.9580, -26.6013,
-7.8562

■ 32.3840, -15.9653,

-12.6148

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 205.5360,
-50.0572, 2.1609

■ 205.5360,
-50.0572, 2.1609

■ 202.1310,
-59.2246, 2.5161

■ 208.9410,
-40.8899, 1.8057

■ 198.6120,
-68.8287, 2.9713

■ 212.4600,
-31.2858, 1.3506

■ 195.2070,
-77.9961, 3.3265

■ 215.8650,
-22.1184, 0.9954

■ 191.6880,
-87.6002, 3.7816

■ 219.3840,
-12.5143, 0.5402

■ 189.4940,
-93.4205, 3.9518

■ 222.7890, -3.3470,
0.1850

■ 226.1940, 5.8204,
-0.1701

■ 229.0290, 12.8037,
-0.0254

■ 229.9260, 12.3615,
1.8189

■ 230.8230, 11.9193,
3.6632

Harmonies

Analogous

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



208.4530, -53.9603, 40.8217



205.5360, -50.0572, 2.1609



196.7650, -27.4921, -48.9059

Triad

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



205.5360, -50.0572, 2.1609



168.7760, 42.5084, -148.0166



201.5370, 16.0043, 46.8871

Complementary

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



205.5360, -50.0572, 2.1609



122.4640, 50.0572, -2.1609

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.



213.3230, 20.5468, 36.5507



205.5360, -50.0572, 2.1609



177.8780, 38.0211, -108.6410

Square

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



205.5360, -50.0572, 2.1609



171.7110, 41.0615, -150.5905



207.6990, 23.3194, -12.8910



195.5120, -9.6194, 52.1710

Rectangle

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



205.5360, -50.0572, 2.1609



184.2550, -4.0697, -94.9396



207.6990, 23.3194, -12.8910



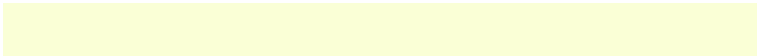
205.9370, 22.7091, 43.0283

Sweetspot

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



205.5360, -50.0572, 2.1609



248.8310, -17.1717, 1.0252



149.2720, -22.3191, 65.5365



123.9540, -10.3303, 0.0403



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.



205.5360, -50.0572, 2.1609



229.8400, -67.9551, 2.7713



187.5960, -41.2128, -34.7257



110.4470, -4.6574, 0.4850



148.7600, -73.3387, 2.8415



40.7340, -20.0819, 1.1103

Inverse Universe

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



122.4640, 50.0572, -2.1609



117.1600, 67.9551, -2.7713



140.4040, 41.2128, 34.7257



102.5530, 4.6574, -0.4850



26.9410, 73.4861, -3.4563



7.2660, 20.0819, -1.1103

Previews

White Background



This preview shows how the YUV color 205.5360, -50.0572, 2.1609 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 205.5360, -50.0572, 2.1609 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 205.5360, -50.0572, 2.1609

Background



This preview shows how black text looks on a background with the YUV color 205.5360, -50.0572, 2.1609.



This preview shows how white text looks on a background with the YUV color 205.5360, -50.0572, 2.1609.

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

205.5360, -50.0572, 2.1609

Protanopia

208.8810, -53.1853, 25.5374

Deuteranopia

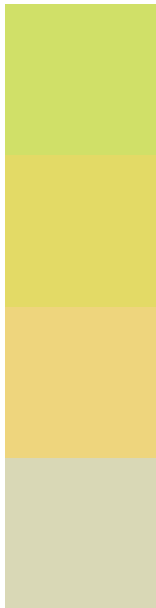
212.7850, -37.3620, 37.0226



Tritanopia

216.1130, 5.3673, 5.1629

Trichromacy



Original Color

205.5360, -50.0572, 2.1609

Protanomaly

207.4670, -51.9952, 17.1304

Deuteranomaly

210.4430, -42.1234, 24.1675

Tritanomaly

212.4230, -14.9985, 4.0140

Monochromacy



Original Color

205.5360, -50.0572, 2.1609

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1900, -18.3347, 0.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5360, -50.0572, 2.1609 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(208, 224, 104)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 104)  
}
```

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(208, 224, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 104) }
```

Border

The CSS property to change the border of an element to YUV 205.5360, -50.0572, 2.1609 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(208, 224, 104) }
```


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

```
.border{ border-color:rgb(208, 224, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 224, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 104);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 205.5360, -50.0572, 2.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 104) }
```

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

```
.background{ background-color: rgb(208,  
224, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor