

Converting Colors

YUV(205.5460, 12.0558, 6.5372)

Have a look what the booklet for YUV(205.5460, 12.0558, 6.5372) contains.

- YUV(205.5460, 12.0558, 6.5372) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YUV(205.5460, 12.0558,
6.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C5E6
RGB	213, 197, 230
RGB Percent	84%, 77%, 90%
CMY	0.1647, 0.2275, 0.0980
CMYK	0.07, 0.14, 0.00, 0.10
HSL	269°, 40%, 84%
HSV	269°, 14%, 90%
XYZ	61.6898, 59.7918, 83.1525
YIQ	205.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

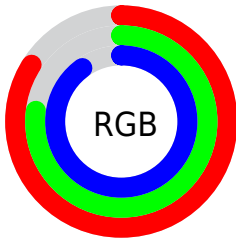
Format	Color
R _Y B	213, 197, 230
Decimal	14009830
CIE _{Lab}	81.72, 11.68, -14.32
CIE _{LCh}	82, 18.478, 309.201
Y _{xy}	59.7918, 0.3015, 0.2922
Android (android.graphics.Color)	4292199910 (0xFFD5C5E6)
YUV	205.5460, 12.0558, 6.5372
Hunter-Lab	77.3252, 7.0877, -9.6306

Details

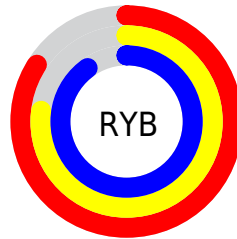
The YUV color $205.5460, 12.0558, 6.5372$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.4540, -12.0558, -6.5372$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2894, 0.5148$, and $151.0190, 11.3296, 6.1223$ is the 20% darker color. If you saturate the color by 10%, you get $188.4570, 20.4807, 11.0002$, and if you desaturate by 10%, it is $222.6350, 3.6309, 2.0741$.

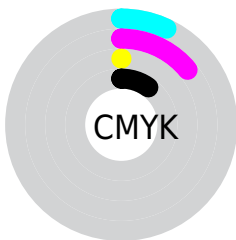
Distribution



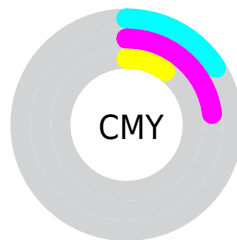
- Red (84%)
- Green (77%)
- Blue (90%)



- Red (84%)
- Yellow (77%)
- Blue (90%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5460, 12.0558, 6.5372 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 205.5460, 12.0558, 6.5372 by changing the saturation by 10% instead.

■ 205.5460, 12.0558,
6.5372

■ 205.5460, 12.0558,
6.5372

255.0000, 0.0000,
0.0000

■ 178.1330, 11.7664,
6.0224

254.4130, 0.2894,
0.5148

■ 151.0190, 11.3296,
6.1223

■ 125.6060, 11.0402,
5.6075

■ 100.4920, 10.6034,
5.7075

■ 76.0790, 10.3141,
5.1927

■ 53.5520, 9.5879,
4.7779

■ 32.1390, 9.2985,

4.2631

■ 8.8020, 10.4506,
8.0666

■ 0.0000, 0.0000,
0.0000

■ 205.5460, 12.0558,
6.5372

■ 205.5460, 12.0558,
6.5372

■ 188.4570, 20.4807,
11.0002

■ 222.6350, 3.6309,
2.0741

■ 171.3680, 28.9056,
15.4633

■ 239.7240, -4.7939,
-2.3889

■ 154.2790, 37.3305,
19.9263

■ 250.3560,
-10.0355, -1.1892

■ 137.4890, 45.6079,
25.0041

■ 252.1500,
-10.9200, 2.4994

■ 120.4000, 54.0328,
29.4672

■ 103.3110, 62.4577,
33.9303

■ 86.2220, 70.8826,
38.3933

■ 69.1330, 79.3074,
42.8564

■ 59.7080, 83.9540,
45.8601

Harmonies

Analogous

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



203.2880, 16.6200, -10.7766



205.5460, 12.0558, 6.5372



206.6850, 4.5923, 20.4473

Triad

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



205.5460, 12.0558, 6.5372



203.8920, -16.2158, 21.1427



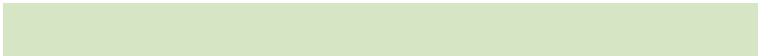
196.5830, 5.6286, -32.0833

Complementary

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



205.5460, 12.0558, 6.5372



221.4540, -12.0558, -6.5372

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.



197.8310, -3.8607, -21.7768



205.5460, 12.0558, 6.5372



202.1030, -16.3198, 7.8027

Square

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



205.5460, 12.0558, 6.5372



205.2010, -11.4381, 28.7647



200.1550, -11.9084, -7.1519



197.2220, 13.2016, -34.3977

Rectangle

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



205.5460, 12.0558, 6.5372



206.2360, -1.1023, 26.9800



200.1550, -11.9084, -7.1519



196.7960, 2.5656, -29.6391

Sweetspot

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



205.5460, 12.0558, 6.5372



247.6350, 3.6309, 2.0741



210.7410, 9.4947, -12.0509



122.6950, 2.6154, 1.1445



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.



205.5460, 12.0558, 6.5372



223.1810, 15.6868, 8.6113



210.3300, 9.6973, 16.3736



106.1620, 4.3571, 2.4889



46.4190, 65.3624, 35.5895



13.2890, 18.5915, 10.2705

Inverse Universe

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



208.8050, 2.5611, 18.5880



227.3650, 3.2711, 24.2359



216.6700, -9.6973, -16.3736



107.2720, 0.8519, 6.7775



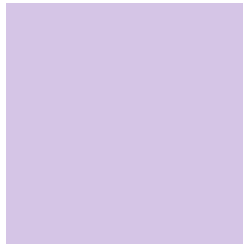
64.0090, 13.7996, 100.8471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 205.5460, 12.0558, 6.5372 looks on a white background.

Color Contrast Check

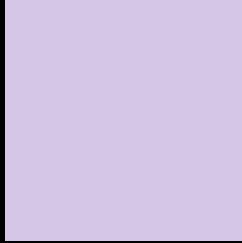
Large Text (above 18pt) WCAG AA × Fail

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 205.5460, 12.0558, 6.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

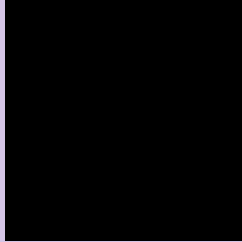
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.5460, 12.0558, 6.5372

Background



This preview shows how black text looks on a background with the YUV color 205.5460, 12.0558, 6.5372.



This preview shows how white text looks on a background with the YUV color 205.5460, 12.0558,

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

205.5460, 12.0558, 6.5372

Protanopia

204.3380, 14.1304, -5.5584

Deuteranopia

205.2360, 12.2087, 4.1780



Tritanopia

204.9990, 4.9305, 5.2629

Trichromacy



Original Color

205.5460, 12.0558, 6.5372

Protanomaly

204.5450, 13.5353, -1.3550

Deuteranomaly

205.5350, 12.0612, 4.7928

Tritanomaly

205.2810, 7.2565, 5.8926

Monochromacy



Original Color

205.5460, 12.0558, 6.5372

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5460, 12.0558, 6.5372 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(213, 197, 230)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 230)  
}
```

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(213, 197, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 230) }
```

Border

The CSS property to change the border of an element to YUV 205.5460, 12.0558, 6.5372 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(213, 197, 230) }
```


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

```
.border{ border-color:rgb(213, 197, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 205.5460, 12.0558, 6.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 230) }
```

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

```
.background{ background-color: rgb(213,  
197, 230) }
```

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