

Converting Colors

YUV(204.3490, 17.5759, 9.3409)

Have a look what the booklet for
YUV(204.3490, 17.5759, 9.3409)
contains.

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Color

**YUV(204.3490, 17.5759,
9.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C0F0
RGB	215, 192, 240
RGB Percent	84%, 75%, 94%
CMY	0.1569, 0.2471, 0.0588
CMYK	0.10, 0.20, 0.00, 0.06
HSL	269°, 62%, 85%
HSV	269°, 20%, 94%
XYZ	62.6021, 58.4376, 90.4182
YIQ	204.3490, -1.7000, 19.8040

Conversions

Conversions Part 2

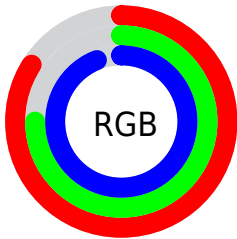
Format	Color
R _Y B	215, 192, 240
Decimal	14139632
CIE Lab	80.98, 17.01, -20.78
CIE LCh	81, 26.851, 309.302
Yxy	58.4376, 0.2961, 0.2764
Android (android.graphics.Color)	4292329712 (0xFFD7C0F0)
YUV	204.3490, 17.5759, 9.3409
Hunter-Lab	76.4445, 12.3998, -16.6168

Details

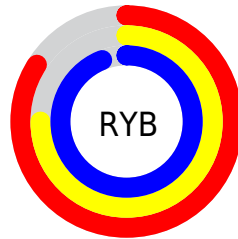
The YUV color $204.3490, 17.5759, 9.3409$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.6510, -17.5759, -9.3409$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 2.0257, 3.6036$, and $149.8220, 16.8498, 8.9261$ is the 20% darker color. If you saturate the color by 10%, you get $186.6730, 26.2902, 14.3188$, and if you desaturate by 10%, it is $222.0250, 8.8617, 4.3631$.

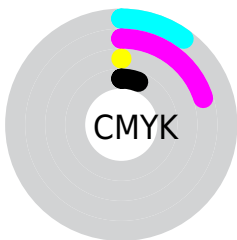
Distribution



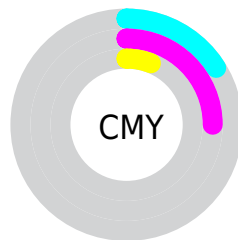
- Red (84%)
- Green (75%)
- Blue (94%)



- Red (84%)
- Yellow (75%)
- Blue (94%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.3490, 17.5759, 9.3409 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 204.3490, 17.5759, 9.3409 by changing the saturation by 10% instead.

204.3490, 17.5759,
9.3409

204.3490, 17.5759,
9.3409

255.0000, 0.0000,
0.0000

176.9360, 17.2866,
8.8261

250.8910, 2.0257,
3.6036

149.8220, 16.8498,
8.9261

123.9960, 16.2710,
7.8965

98.8820, 15.8342,
7.9965

74.9420, 14.8186,
7.0669

52.4150, 14.0924,
6.6520

30.5890, 13.5136,

5.6224

■ 9.8990, 13.3608,
7.9816

■ 1.4820, 5.6784,
-1.2997

■ 204.3490, 17.5759,
9.3409

■ 204.3490, 17.5759,
9.3409

■ 186.6730, 26.2902,
14.3188

■ 222.0250, 8.8617,
4.3631

■ 168.6980, 35.1519,
18.6819

■ 240.0000, 0.0000,
0.0000

■ 151.0220, 43.8662,
23.6597

■ 252.3930, -6.1097,
-0.3447

■ 133.0470, 52.7278,
28.0228

■ 253.2900, -6.5520,
1.4997

■ 115.3710, 61.4421,
33.0006

■ 97.3960, 70.3038,
37.3637

■ 79.7200, 79.0180,
42.3416

■ 61.7450, 87.8797,
46.7046

Harmonies

Analogous

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



200.9050, 24.2038, -16.5797



204.3490, 17.5759, 9.3409



205.3210, 6.7437, 30.4135

Triad

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



204.3490, 17.5759, 9.3409



201.8130, -23.0788, 29.1050



189.9830, 8.8824, -49.0971

Complementary

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



204.3490, 17.5759, 9.3409



227.6510, -17.5759, -9.3409

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.



192.8250, -4.8437, -33.1725



204.3490, 17.5759, 9.3409



199.1760, -23.7508, 11.2466

Square

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



204.3490, 17.5759, 9.3409



203.3120, -16.4228, 40.9454



196.1670, -16.8443, -10.6705



190.9360, 20.2446, -53.4409

Rectangle

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



204.3490, 17.5759, 9.3409



205.3130, -1.1403, 39.1905



196.1670, -16.8443, -10.6705



190.8650, 4.5036, -44.6086

Sweetspot

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



204.3490, 17.5759, 9.3409



243.8030, 5.5201, 2.8038



212.7340, 13.4421, -18.1837



121.2220, 3.3416, 1.5593



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.



204.3490, 17.5759, 9.3409



209.6250, 22.3699, 11.7299



211.2260, 14.1856, 23.4808



111.1620, 4.3571, 2.4889



47.2880, 67.3990, 35.7044



14.4570, 20.4807, 11.0002

Inverse Universe

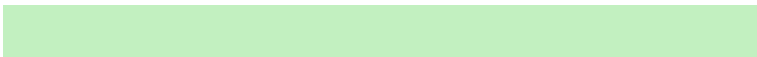
The Inverse Universe completely reimagines the original color for something new.



209.2020, 3.8444, 27.0098



215.8870, 4.9857, 34.3021



220.7740, -14.1856, -23.4808



112.2720, 0.8519, 6.7775



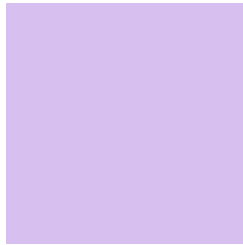
65.9600, 14.8097, 103.5211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 204.3490, 17.5759, 9.3409 looks on a white background.

Color Contrast Check

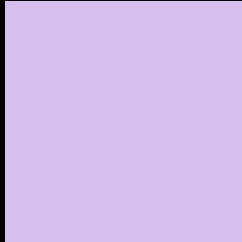
Large Text (above 18pt) WCAG AA × Fail

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 204.3490, 17.5759, 9.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

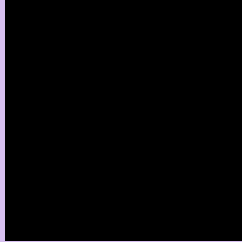
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.3490, 17.5759, 9.3409

Background



This preview shows how black text looks on a background with the YUV color 204.3490, 17.5759, 9.3409.



This preview shows how white text looks on a background with the YUV color 204.3490, 17.5759, 9.3409.

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

204.3490, 17.5759, 9.3409

Protanopia

201.8520, 21.2720, -9.5172

Deuteranopia

203.2830, 17.6085, -1.1252



Tritanopia

202.8960, 4.4883, 7.1072

Trichromacy



Original Color

204.3490, 17.5759, 9.3409

Protanomaly

202.5540, 19.9399, -2.2399

Deuteranomaly

203.6040, 17.4502, 2.9783

Tritanomaly

203.1610, 9.2876, 7.7518

Monochromacy



Original Color

204.3490, 17.5759, 9.3409

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.3300, 6.2463, 3.2186

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3490, 17.5759, 9.3409 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(215, 192, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 240)  
}
```

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(215, 192, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 240) }
```

Border

The CSS property to change the border of an element to YUV 204.3490, 17.5759, 9.3409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

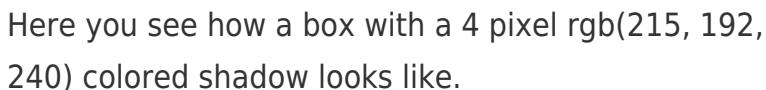
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 192, 240) }
```


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

```
.border{ border-color:rgb(215, 192, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 192, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 204.3490, 17.5759, 9.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 240) }
```

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

```
.background{ background-color: rgb(215,  
192, 240) }
```

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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