

Converting Colors

YUV(189.3210, 20.0547, 7.6115)

Have a look what the booklet for
YUV(189.3210, 20.0547, 7.6115)
contains.

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Color

**YUV(189.3210, 20.0547,
7.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B1E6
RGB	198, 177, 230
RGB Percent	78%, 69%, 90%
CMY	0.2235, 0.3059, 0.0980
CMYK	0.14, 0.23, 0.00, 0.10
HSL	264°, 51%, 80%
HSV	264°, 23%, 90%
XYZ	53.2938, 49.1632, 81.5435
YIQ	189.3210, -4.4970, 20.9350

Conversions

Conversions Part 2

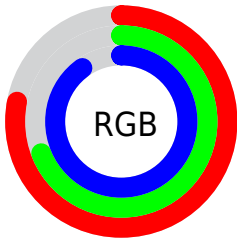
Format	Color
R _{YB}	198, 177, 230
Decimal	13021670
CIE _{Lab}	75.55, 17.68, -23.77
CIE _{LCh}	76, 29.627, 306.634
Yxy	49.1632, 0.2896, 0.2672
Android (android.graphics.Color)	4291211750 (0xFFC6B1E6)
YUV	189.3210, 20.0547, 7.6115
Hunter-Lab	70.1165, 12.9695, -19.8710

Details

The YUV color $189.3210, 20.0547, 7.6115$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $217.6790, -20.0547, -7.6115$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $135.6800, 18.8918, 7.2966$ is the 20% darker color. If you saturate the color by 10%, you get $171.6340, 28.7744, 10.8450$, and if you desaturate by 10%, it is $207.0080, 11.3351, 4.3780$.

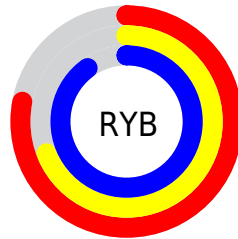
Distribution



Red (78%)

Green (69%)

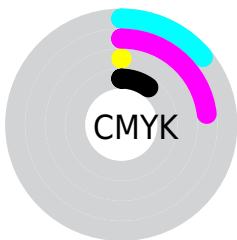
Blue (90%)



Red (78%)

Yellow (69%)

Blue (90%)

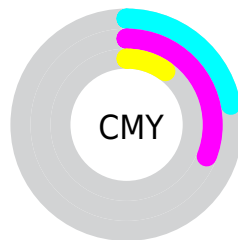


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3210, 20.0547, 7.6115 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 189.3210, 20.0547, 7.6115 by changing the saturation by 10% instead.

■ 189.3210, 20.0547,
7.6115

■ 189.3210, 20.0547,
7.6115

255.0000, 0.0000,
0.0000

■ 161.9080, 19.7654,
7.0967

■ 242.0860, 6.3666,
11.3256

■ 135.6800, 18.8918,
7.2966

■ 110.2670, 18.6024,
6.7818

■ 85.4410, 18.0236,
5.7522

■ 62.5010, 17.0080,
4.8226

■ 39.9740, 16.2818,
4.4078

■ 17.8600, 15.8450,

4.5078

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 189.3210, 20.0547,
7.6115

■ 189.3210, 20.0547,
7.6115

■ 171.6340, 28.7744,
10.8450

■ 207.0080, 11.3351,
4.3780

■ 153.9470, 37.4941,
14.0785

■ 224.6950, 2.6154,
1.1445

■ 136.2600, 46.2138,
17.3120

■ 242.3820, -6.1043,
-2.0890

■ 118.5730, 54.9335,
20.5455

■ 251.8510,
-10.7725, 1.8847

■ 101.1850, 63.5058,
24.3938

■ 252.1500,
-10.9200, 2.4994

■ 83.4980, 72.2255,
27.6273

■ 65.8110, 80.9452,
30.8608

■ 53.4290, 87.0495,
32.9498

Harmonies

Analogous

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



184.9690, 27.1303, -21.8978



189.3210, 20.0547, 7.6115



190.4890, 8.6329, 31.1431

Triad

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



189.3210, 20.0547, 7.6115



186.4930, -24.4000, 32.8936



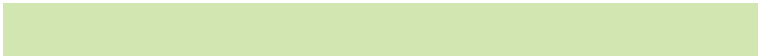
172.9500, 8.8987, -54.3301

Complementary

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



189.3210, 20.0547, 7.6115



217.6790, -20.0547, -7.6115

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.



177.3580, -6.5855, -34.5170



189.3210, 20.0547, 7.6115



184.0300, -25.6508, 14.0057

Square

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



189.3210, 20.0547, 7.6115



188.3340, -16.4337, 44.4341



180.8960, -19.1757, -9.5558



172.7500, 22.3083, -62.0478

Rectangle

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



189.3210, 20.0547, 7.6115



189.9650, 0.0173, 41.2497



180.8960, -19.1757, -9.5558



174.3160, 3.7882, -48.5121

Sweetspot

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



189.3210, 20.0547, 7.6115



241.1450, 6.8305, 2.5038



202.4130, 13.6004, -22.2872



119.4500, 4.2151, 1.3593



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.



189.3210, 20.0547, 7.6115



200.4660, 26.8853, 10.1153



197.0950, 16.2222, 23.5957



105.8630, 4.5045, 1.8741



41.6350, 67.7209, 25.7531



11.7940, 19.3286, 7.1967

Inverse Universe

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



196.4950, 6.1650, 29.3839



210.1310, 8.3164, 39.3501



209.9050, -16.2222, -23.5957



107.3860, 1.2887, 6.6775



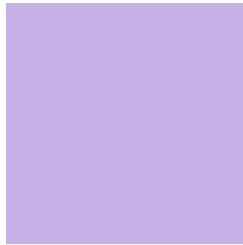
65.8330, 20.7883, 99.2475



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 189.3210, 20.0547, 7.6115 looks on a white background.

Color Contrast Check

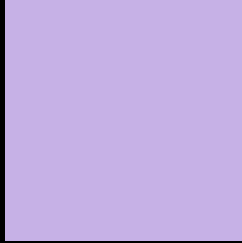
Large Text (above 18pt) WCAG AA × Fail

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 189.3210, 20.0547, 7.6115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

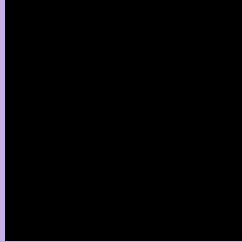
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3210, 20.0547, 7.6115

Background



This preview shows how black text looks on a background with the YUV color 189.3210, 20.0547, 7.6115.



This preview shows how white text looks on a background with the YUV color 189.3210, 20.0547, 7.6115.

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

189.3210, 20.0547, 7.6115

Protanopia

186.8240, 23.7508, -11.2466

Deuteranopia

187.6570, 20.3821, -4.0842



Tritanopia

187.5860, 4.6411, 4.7481

Trichromacy



Original Color

189.3210, 20.0547, 7.6115

Protanomaly

187.5260, 22.4187, -3.9693

Deuteranomaly

187.9780, 20.2238, 0.0193

Tritanomaly

188.3780, 10.1666, 5.8075

Monochromacy



Original Color

189.3210, 20.0547, 7.6115

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3210, 20.0547, 7.6115 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(198, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 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(198, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 230) }
```

Border

The CSS property to change the border of an element to YUV 189.3210, 20.0547, 7.6115 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(198, 177, 230) }
```


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

```
.border{ border-color:rgb(198, 177, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 177, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 189.3210, 20.0547, 7.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 230) }
```

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

```
.background{ background-color: rgb(198,  
177, 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](#).

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