

Converting Colors

YUV(177.4020, 20.5078, 2.2784)

Have a look what the booklet for
YUV(177.4020, 20.5078, 2.2784)
contains.

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Color

**YUV(177.4020, 20.5078,
2.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A8DB
RGB	180, 168, 219
RGB Percent	71%, 66%, 86%
CMY	0.2941, 0.3412, 0.1412
CMYK	0.18, 0.23, 0.00, 0.14
HSL	254°, 41%, 76%
HSV	254°, 23%, 86%
XYZ	45.6112, 42.8230, 72.8795
YIQ	177.4020, -9.2190, 18.4050

Conversions

Conversions Part 2

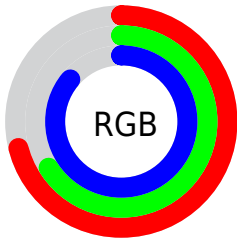
Format	Color
RYB	180, 168, 219
Decimal	11839707
CIELab	71.43, 14.58, -24.20
CIELCh	71, 28.253, 301.069
Yxy	42.8230, 0.2827, 0.2655
Android (android.graphics.Color)	4290029787 (0xFFB4A8DB)
YUV	177.4020, 20.5078, 2.2784
Hunter-Lab	65.4393, 9.8957, -20.2235

Details

The YUV color **177.4020, 20.5078, 2.2784** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **209.5980, -20.5078, -2.2784**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5350, 12.0612, 4.7928**, and **124.7610, 19.3448, 1.9636** is the 20% darker color. If you saturate the color by 10%, you get **159.4050, 29.3803, 3.1528**, and if you desaturate by 10%, it is **195.3990, 11.6353, 1.4041**.

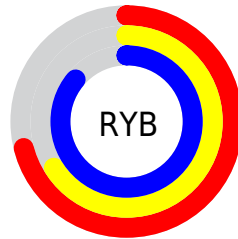
Distribution



Red (71%)

Green (66%)

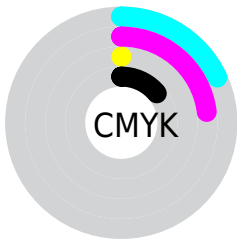
Blue (86%)



Red (71%)

Yellow (66%)

Blue (86%)

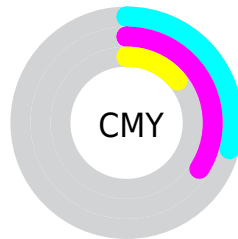


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.4020, 20.5078, 2.2784 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 177.4020, 20.5078, 2.2784 by changing the saturation by 10% instead.

■ 177.4020, 20.5078,
2.2784

■ 177.4020, 20.5078,
2.2784

■ 255.0000, 0.0000,
0.0000

■ 150.8750, 19.7816,
1.8636

■ 230.5350, 12.0612,
4.7928

■ 124.7610, 19.3448,
1.9636

■ 253.2390, 0.8682,
1.5444

■ 99.2340, 18.6186,
1.5488

■ 75.4080, 18.0399,
0.5192

■ 52.7670, 16.8769,
0.2043

■ 30.6420, 16.4455,
-1.4400

■ 7.7780, 16.8714,

1.9487

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 177.4020, 20.5078,
2.2784

■ 177.4020, 20.5078,
2.2784

■ 159.4050, 29.3803,
3.1528

■ 195.3990, 11.6353,
1.4041

■ 141.7070, 38.1054,
4.6420

■ 213.0970, 2.9102,
-0.0851

■ 123.7100, 46.9780,
5.5163

■ 231.0940, -5.9623,
-0.9594

■ 105.7130, 55.8505,
6.3907

■ 248.5040,
-14.5455, -1.3190

■ 88.3030, 64.4336,
6.7503

■ 250.8960,
-15.7247, 3.5992

■ 70.6050, 73.1587,
8.2394

■ 52.6080, 82.0313,
9.1138

■ 40.5140, 87.9936,
10.0732

Harmonies

Analogous

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



172.7190, 26.2675, -25.1866



177.4020, 20.5078, 2.2784



179.2110, 10.2490, 26.1250

Triad

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



177.4020, 20.5078, 2.2784



175.7750, -22.0741, 33.5233



163.1850, 5.8248, -48.3972

Complementary

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



177.4020, 20.5078, 2.2784



209.5980, -20.5078, -2.2784

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.



167.1200, -8.9332, -28.1692



177.4020, 20.5078, 2.2784



173.8670, -25.0774, 16.7796

Square

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



177.4020, 20.5078, 2.2784



177.4200, -13.5181, 42.6047



170.4020, -19.9182, -4.7376



161.9740, 19.2398, -57.8592

Rectangle

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



177.4020, 20.5078, 2.2784



179.2140, 2.3595, 36.6463



170.4020, -19.9182, -4.7376



164.5510, 0.7144, -42.5792

Sweetspot

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



177.4020, 20.5078, 2.2784



240.2480, 7.2727, 0.6595



196.7070, 10.9904, -25.1760



119.1510, 4.3626, 0.7446



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.



177.4020, 20.5078, 2.2784



196.8780, 28.6541, 2.7380



184.8770, 16.8226, 17.6479



100.8520, 4.5100, 0.1298



31.9810, 69.5224, 7.9097



8.5330, 18.4712, 2.1636

Inverse Universe

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



187.6950, 9.5174, 27.4545



211.3850, 13.1212, 38.2504



202.1230, -16.8226, -17.6479



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 177.4020, 20.5078, 2.2784 looks on a white background.

Color Contrast Check

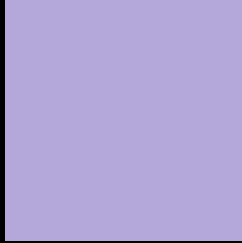
Large Text (above 18pt) WCAG AA × Fail

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 177.4020, 20.5078, 2.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

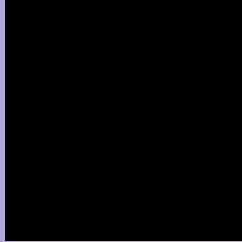
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.4020, 20.5078, 2.2784

Background



This preview shows how black text looks on a background with the YUV color 177.4020, 20.5078, 2.2784.



This preview shows how white text looks on a background with the YUV color 177.4020, 20.5078,

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

177.4020, 20.5078, 2.2784

Protanopia

175.4110, 23.4614, -11.7614

Deuteranopia

176.0590, 20.6769, -5.3137



Tritanopia

175.4820, 5.6784, -1.2997

Trichromacy



Original Color

177.4020, 20.5078, 2.2784

Protanomaly

176.2160, 22.5715, -6.3284

Deuteranomaly

176.6680, 20.3767, -2.3398

Tritanomaly

176.2740, 11.2039, -0.2403

Monochromacy



Original Color

177.4020, 20.5078, 2.2784

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.2480, 7.2727, 0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4020, 20.5078, 2.2784 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(180, 168, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 219)  
}
```

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(180, 168, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 219) }
```

Border

The CSS property to change the border of an element to YUV 177.4020, 20.5078, 2.2784 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(180, 168, 219) }
```


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

```
.border{ border-color:rgb(180, 168, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 177.4020, 20.5078, 2.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 219) }
```

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

```
.background{ background-color: rgb(180,  
168, 219) }
```

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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