

Converting Colors

YUV(174.1520, 6.3341, 21.7917)

Have a look what the booklet for
YUV(174.1520, 6.3341, 21.7917)
contains.

YUV(174.1520, 6.3341, 21.7917)	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(174.1520, 6.3341,
21.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	C79FBB
RGB	199, 159, 187
RGB Percent	78%, 62%, 73%
CMY	0.2196, 0.3765, 0.2667
CMYK	0.00, 0.20, 0.06, 0.22
HSL	318°, 26%, 70%
HSV	318°, 20%, 78%
XYZ	44.9210, 40.5262, 52.4685
YIQ	174.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

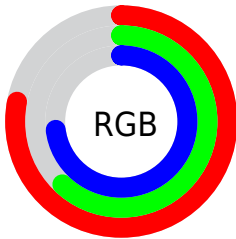
Format	Color
R_{YB}	199, 159, 187
Decimal	13082555
CIE _{Lab}	69.84, 19.46, -8.79
CIE _{LCh}	70, 21.353, 335.679
Yxy	40.5262, 0.3257, 0.2938
Android (android.graphics.Color)	4291272635 (0xFFC79FBB)
YUV	174.1520, 6.3341, 21.7917
Hunter-Lab	63.6602, 14.5507, -4.3044

Details

The YUV color $174.1520, 6.3341, 21.7917$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $183.8480, -6.3341, -21.7917$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.5650, 6.6235, 22.3065$, and $121.4400, 6.1921, 20.6621$ is the 20% darker color. If you saturate the color by 10%, you get $161.7280, 9.5011, 32.6875$, and if you desaturate by 10%, it is $186.5760, 3.1670, 10.8958$.

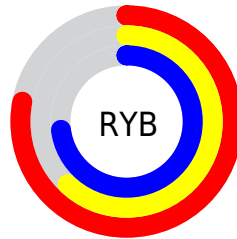
Distribution



Red (78%)

Green (62%)

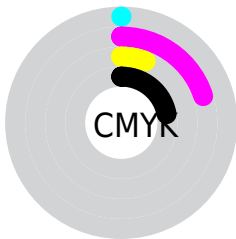
Blue (73%)



Red (78%)

Yellow (62%)

Blue (73%)

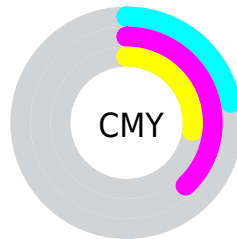


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1520, 6.3341, 21.7917 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 174.1520, 6.3341, 21.7917 by changing the saturation by 10% instead.

 174.1520, 6.3341,
21.7917

 174.1520, 6.3341,
21.7917

255.0000, 0.0000,
0.0000


 147.4400, 6.1921,
20.6621

 229.5650, 6.6235,
22.3065

 121.4400, 6.1921,
20.6621

 247.3690, 3.7621,
6.6924

 96.7280, 6.0501,
19.5325

 72.3150, 5.7607,
19.0177

 49.6030, 5.6187,
17.8882

 27.8910, 5.4767,
16.7586

 10.5380, 4.1718,

15.3142

■ 0.0000, 0.0000,
0.0000

■ 174.1520, 6.3341,
21.7917

■ 174.1520, 6.3341,
21.7917

■ 161.7280, 9.5011,
32.6875

■ 186.5760, 3.1670,
10.8958

■ 149.3040, 12.6681,
43.5834

■ 199.0000, 0.0000,
0.0000

■ 136.8800, 15.8352,
54.4792

■ 211.4240, -3.1670,
-10.8958

■ 124.4560, 19.0022,
65.3751

■ 223.8480, -6.3341,
-21.7917

■ 112.6190, 21.8798,
75.7561

■ 233.9240, -8.3435,
-30.6283

■ 100.1950, 25.0469,
86.6520

■ 234.6080, -5.7227,
-31.2282

■ 87.7710, 28.2139,
97.5478

■ 235.2920, -3.1020,
-31.8281

■ 75.3470, 31.3809,
108.4437

■ 235.9760, -0.4812,
-32.4280

■ 236.6600, 2.1396,
-33.0278

Harmonies

Analogous

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



172.8170, 14.3872, 5.4225



174.1520, 6.3341, 21.7917



174.1010, -3.0078, 31.4834

Triad

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



174.1520, 6.3341, 21.7917



169.8430, -18.6566, 10.6617



163.2320, 14.6756, -40.5455

Complementary

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



174.1520, 6.3341, 21.7917



183.8480, -6.3341, -21.7917

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.



162.8490, 5.4974, -36.7016



174.1520, 6.3341, 21.7917



166.9980, -13.8030, -6.1372

Square

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



174.1520, 6.3341, 21.7917



171.2730, -17.3896, 24.3166



164.4780, -5.1657, -23.2212



165.8400, 19.3059, -32.3087

Rectangle

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



174.1520, 6.3341, 21.7917



173.5050, -9.1230, 32.8831



164.4780, -5.1657, -23.2212



162.5480, 12.0548, -39.9456

Sweetspot

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



174.1520, 6.3341, 21.7917



245.6250, 2.1569, 8.2219



167.1480, 15.7030, 3.3782



122.3750, 1.2941, 4.9331



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.



174.1520, 6.3341, 21.7917



217.1410, 9.7905, 33.2023



171.8720, -2.4019, 23.7913



93.3750, 1.2941, 4.9331



61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Inverse Universe

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



174.1520, 6.3341, 21.7917



217.1410, 9.7905, 33.2023



186.1280, 2.4019, -23.7913



93.3750, 1.2941, 4.9331



61.7330, 25.7676, 88.8112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 174.1520, 6.3341, 21.7917 looks on a white background.

Color Contrast Check

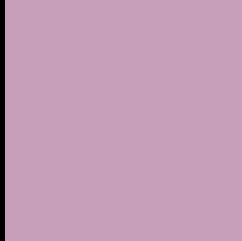
Large Text (above 18pt) WCAG AA × Fail

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 174.1520, 6.3341, 21.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

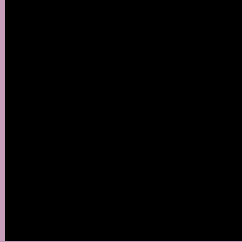
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.1520, 6.3341, 21.7917

Background



This preview shows how black text looks on a background with the YUV color 174.1520, 6.3341, 21.7917.



This preview shows how white text looks on a background with the YUV color 174.1520, 6.3341,

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

174.1520, 6.3341, 21.7917

Protanopia

171.8390, 10.9254, -4.2438

Deuteranopia

172.7650, 6.5249, 7.2221



Tritanopia

173.2460, 0.3717, 20.8323

Trichromacy



Original Color

174.1520, 6.3341, 21.7917

Protanomaly

172.7370, 9.0037, 5.4927

Deuteranomaly

173.0970, 6.3612, 13.0699

Tritanomaly

173.5280, 2.6977, 21.4619

Monochromacy



Original Color

174.1520, 6.3341, 21.7917

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1520, 6.3341, 21.7917 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(199, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 187)  
}
```

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(199, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 187) }
```

Border

The CSS property to change the border of an element to YUV 174.1520, 6.3341, 21.7917 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(199, 159, 187) }
```


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

```
.border{ border-color:rgb(199, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 174.1520, 6.3341, 21.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 187) }
```

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

```
.background{ background-color: rgb(199,  
159, 187) }
```

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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