

Converting Colors

YUV(164.4740, 1.2453, 20.6323)

Have a look what the booklet for
YUV(164.4740, 1.2453, 20.6323)
contains.

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Color

**YUV(164.4740, 1.2453,
20.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	BC98A7
RGB	188, 152, 167
RGB Percent	74%, 60%, 65%
CMY	0.2627, 0.4039, 0.3451
CMYK	0.00, 0.19, 0.11, 0.26
HSL	335°, 21%, 67%
HSV	335°, 19%, 74%
XYZ	38.9423, 35.9379, 41.4434
YIQ	164.4740, 16.6410, 12.2970

Conversions

Conversions Part 2

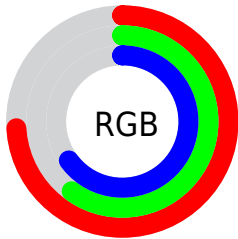
Format	Color
RYB	188, 152, 167
Decimal	12359847
CIELab	66.47, 15.88, -2.75
CIELCh	66, 16.114, 350.179
Yxy	35.9379, 0.3348, 0.3089
Android (android.graphics.Color)	4290549927 (0xFFBC98A7)
YUV	164.4740, 1.2453, 20.6323
Hunter-Lab	59.9482, 11.0442, 0.9753

Details

The YUV color $164.4740, 1.2453, 20.6323$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $175.5260, -1.2453, -20.6323$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.4850, 1.2399, 22.3767$, and $112.4630, 1.2507, 18.8879$ is the 20% darker color. If you saturate the color by 10%, you get $152.0670, 1.9390, 31.5132$, and if you desaturate by 10%, it is $176.8810, 0.5517, 9.7514$.

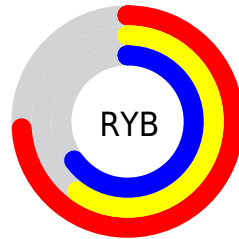
Distribution



Red (74%)

Green (60%)

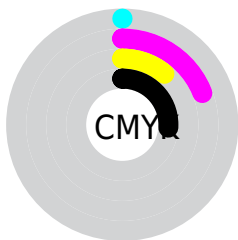
Blue (65%)



Red (74%)

Yellow (60%)

Blue (65%)

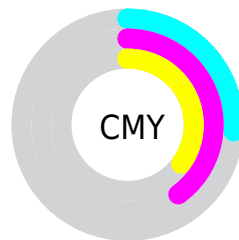


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4740, 1.2453, 20.6323 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 164.4740, 1.2453, 20.6323 by changing the saturation by 10% instead.


 164.4740, 1.2453,
20.6323


 164.4740, 1.2453,
20.6323


255.0000, 0.0000,
0.0000

 138.1750, 1.3927,
20.0175

 219.4850, 1.2399,
22.3767


 112.4630, 1.2507,
18.8879

 242.8040, 4.0406,
10.6959

 88.1640, 1.3981,
18.2732

 64.4520, 1.2562,
17.1436

 41.8540, 1.5510,
15.9140

 20.5550, 1.6984,
15.2993

 0.5980, -0.2948,

1.2296

■ 0.0000, 0.0000,
0.0000

■ 164.4740, 1.2453,
20.6323

■ 164.4740, 1.2453,
20.6323

■ 152.0670, 1.9390,
31.5132

■ 176.8810, 0.5517,
9.7514

■ 139.6600, 2.6326,
42.3942

■ 189.2880, -0.1420,
-1.1296

■ 127.8400, 3.0369,
52.7603

■ 201.1080, -0.5462,
-11.4957

■ 115.4330, 3.7305,
63.6413

■ 213.5150, -1.2399,
-22.3767

■ 103.0260, 4.4242,
74.5222

■ 225.9220, -1.9335,
-33.2576

■ 90.6190, 5.1178,
85.4031

■ 232.4590, 0.2667,
-38.9905

■ 78.2120, 5.8115,
96.2841

■ 233.7130, 5.0715,
-40.0903

■ 66.3920, 6.2157,
106.6502

■ 234.9670, 9.8763,
-41.1901

■ 65.1040, 6.3577,
107.7798

Harmonies

Analogous

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



164.1290, 7.8244, 10.4109



164.4740, 1.2453, 20.6323



163.9600, -5.8963, 24.5911

Triad

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



164.4740, 1.2453, 20.6323



160.2810, -12.9565, 2.3846



157.1520, 12.7431, -27.3203

Complementary

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



164.4740, 1.2453, 20.6323



175.5260, -1.2453, -20.6323

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.



156.3600, 7.2175, -28.3797



164.4740, 1.2453, 20.6323



158.5720, -7.6770, -11.0256

Square

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



164.4740, 1.2453, 20.6323



161.7170, -14.1575, 14.2802



156.7430, -0.3663, -22.5766



159.7880, 14.8945, -17.3541

Rectangle

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



164.4740, 1.2453, 20.6323



163.3360, -9.5326, 24.2613



156.7430, -0.3663, -22.5766



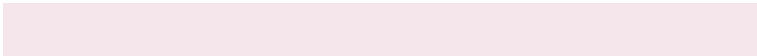
156.7990, 11.4381, -28.7647

Sweetspot

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



164.4740, 1.2453, 20.6323



235.1690, 0.4097, 8.6218



162.3830, 12.6292, 9.3111



116.7340, 0.1311, 4.6183



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.4740, 1.2453, 20.6323



207.7790, 2.0810, 32.6428



164.5250, -6.1748, 20.5876



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Inverse Universe

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



164.4740, 1.2453, 20.6323



207.7790, 2.0810, 32.6428



175.4750, 6.1748, -20.5876



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 164.4740, 1.2453, 20.6323 looks on a white background.

Color Contrast Check

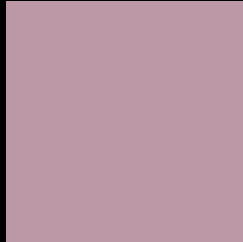
Large Text (above 18pt) WCAG AA × Fail

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 164.4740, 1.2453, 20.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

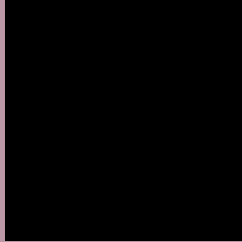
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.4740, 1.2453, 20.6323

Background



This preview shows how black text looks on a background with the YUV color 164.4740, 1.2453, 20.6323.



This preview shows how white text looks on a background with the YUV color 164.4740, 1.2453,

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

164.4740, 1.2453, 20.6323

Protanopia

162.5530, 4.6574, -0.4850

Deuteranopia

163.7070, 1.1304, 10.7810



Tritanopia

164.1320, -0.0651, 20.9322

Trichromacy



Original Color

164.4740, 1.2453, 20.6323

Protanomaly

163.2550, 3.3253, 6.7924

Deuteranomaly

163.7290, 1.1196, 14.2697

Tritanomaly

164.2460, 0.3717, 20.8323

Monochromacy



Original Color

164.4740, 1.2453, 20.6323

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.4570, 0.2677, 7.4922

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4740, 1.2453, 20.6323 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(188, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 167)  
}
```

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(188, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 167) }
```

Border

The CSS property to change the border of an element to YUV 164.4740, 1.2453, 20.6323 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(188, 152, 167) }
```


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

```
.border{ border-color:rgb(188, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 164.4740, 1.2453, 20.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 167) }
```

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

```
.background{ background-color: rgb(188,  
152, 167) }
```

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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