

Converting Colors

YUV(166.9950, 0.9885, 9.6514)

Have a look what the booklet for
YUV(166.9950, 0.9885, 9.6514)
contains.

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Color

**YUV(166.9950, 0.9885,
9.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A1A9
RGB	178, 161, 169
RGB Percent	70%, 63%, 66%
CMY	0.3020, 0.3686, 0.3373
CMYK	0.00, 0.10, 0.05, 0.30
HSL	332°, 10%, 66%
HSV	332°, 10%, 70%
XYZ	38.2664, 37.8193, 42.8191
YIQ	166.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

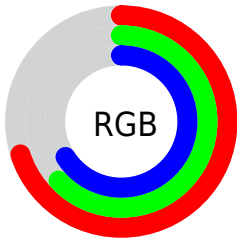
Format	Color
RYB	178, 161, 169
Decimal	11706793
CIELab	67.89, 7.62, -1.90
CIElCh	68, 7.851, 346.028
Yxy	37.8193, 0.3218, 0.3181
Android (android.graphics.Color)	4289896873 (0xFFB2A1A9)
YUV	166.9950, 0.9885, 9.6514
Hunter-Lab	61.4974, 3.4502, 1.7660

Details

The YUV color $166.9950, 0.9885, 9.6514$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $172.0050, -0.9885, -9.6514$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.2940, 0.8411, 10.2662$, and $114.6960, 1.1359, 9.0366$ is the 20% darker color. If you saturate the color by 10%, you get $155.4030, 2.2663, 19.8176$, and if you desaturate by 10%, it is $178.5870, -0.2894, -0.5148$.

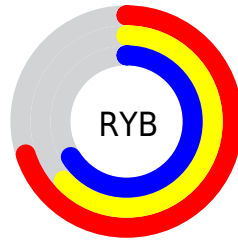
Distribution



Red (70%)

Green (63%)

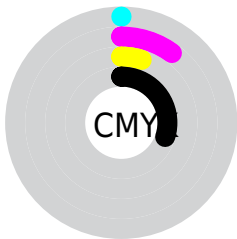
Blue (66%)



Red (70%)

Yellow (63%)

Blue (66%)

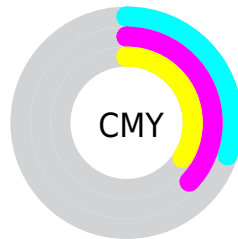


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.9950, 0.9885, 9.6514 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 166.9950, 0.9885, 9.6514 by changing the saturation by 10% instead.


 166.9950, 0.9885,
9.6514


 166.9950, 0.9885,
9.6514


255.0000, 0.0000,
0.0000


 140.6960, 1.1359,
9.0366

 222.2940, 0.8411,
10.2662


 114.6960, 1.1359,
9.0366

 248.3150, 2.3097,
5.8627

 90.2830, 0.8465,
8.5218

 66.9840, 0.9939,
7.9070

 44.6850, 1.1413,
7.2923

 24.2720, 0.8519,
6.7775

 0.0000, 0.0000,

0.0000

■ 166.9950, 0.9885,
9.6514

■ 166.9950, 0.9885,
9.6514

■ 155.4030, 2.2663,
19.8176

■ 178.5870, -0.2894,
-0.5148

■ 143.6970, 3.1074,
30.0837

■ 190.2930, -1.1304,
-10.7810

■ 132.6920, 4.0958,
39.7351

■ 201.2980, -2.1189,
-20.4323

■ 120.9860, 4.9369,
50.0013

■ 213.0040, -2.9600,
-30.6985

■ 109.3940, 6.2148,
60.1675

■ 224.5960, -4.2378,
-40.8647

■ 97.6880, 7.0558,
70.4336

■ 228.6710, -1.3168,
-44.4385

■ 86.0960, 8.3337,
80.5998

■ 229.6970, 2.6144,
-45.3383

■ 75.0910, 9.3221,
90.2512

■ 230.7230, 6.5456,
-46.2381

■ 63.3850, 10.1632,
100.5174

■ 231.8630, 10.9135,
-47.2379

Harmonies

Analogous

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



166.1730, 4.3517, 4.2333



166.9950, 0.9885, 9.6514



167.0940, -2.5113, 12.1956

Triad

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



166.9950, 0.9885, 9.6514



164.7030, -6.2626, 2.0145



163.7040, 5.5689, -12.8954

Complementary

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



166.9950, 0.9885, 9.6514



172.0050, -0.9885, -9.6514

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.



163.3080, 2.8062, -13.4251



166.9950, 0.9885, 9.6514



163.8270, -4.3517, -4.2333

Square

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



166.9950, 0.9885, 9.6514



165.9210, -6.8631, 7.9623



163.1190, -0.5517, -9.7514



164.7800, 7.0105, -8.5771

Rectangle

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



166.9950, 0.9885, 9.6514



166.5240, -4.6953, 12.6955



163.1190, -0.5517, -9.7514



163.1770, 4.8427, -13.3102

Sweetspot

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



166.9950, 0.9885, 9.6514



227.4350, 0.2785, 4.0035



165.6290, 6.0989, 3.8334



114.4240, 0.2840, 2.2592



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



166.9950, 0.9885, 9.6514



215.8430, 1.5564, 14.1697



166.0830, -2.5059, 10.4512



83.2610, 0.8573, 5.0331



53.9550, 8.8962, 86.8625



9.1420, 1.4090, 14.7845

Inverse Universe

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



166.9950, 0.9885, 9.6514



215.8430, 1.5564, 14.1697



172.9170, 2.5059, -10.4512



83.2610, 0.8573, 5.0331



53.9550, 8.8962, 86.8625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 166.9950, 0.9885, 9.6514 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 166.9950, 0.9885, 9.6514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

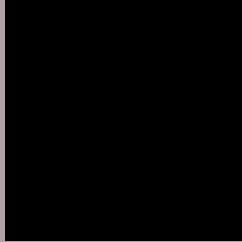
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9950, 0.9885, 9.6514

Background



This preview shows how black text looks on a background with the YUV color 166.9950, 0.9885, 9.6514.



This preview shows how white text looks on a background with the YUV color 166.9950, 0.9885,

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

166.9950, 0.9885, 9.6514

Protanopia

166.2820, 2.3260, 0.6297

Deuteranopia

167.0060, 0.9830, 11.3957



Tritanopia

167.1630, 2.8776, 10.3810

Trichromacy



Original Color

166.9950, 0.9885, 9.6514

Protanomaly

166.7770, 1.5889, 3.7036

Deuteranomaly

166.7070, 1.1304, 10.7810

Tritanomaly

167.0490, 2.4408, 10.4810

Monochromacy



Original Color

166.9950, 0.9885, 9.6514

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1360, 0.4260, 3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9950, 0.9885, 9.6514 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(178, 161, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 169)  
}
```

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(178, 161, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 169) }
```

Border

The CSS property to change the border of an element to YUV 166.9950, 0.9885, 9.6514 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(178, 161, 169) }
```


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

```
.border{ border-color:rgb(178, 161, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 166.9950, 0.9885, 9.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 169) }
```

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

```
.background{ background-color: rgb(178,  
161, 169) }
```

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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