

Converting Colors

YUV(190.0630, 7.8569, -0.0553)

Have a look what the booklet for
YUV(190.0630, 7.8569, -0.0553)
contains.

YUV(190.0630, 7.8569, -0.0553)	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(190.0630, 7.8569,
-0.0553)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBBCE
RGB	190, 187, 206
RGB Percent	75%, 73%, 81%
CMY	0.2549, 0.2667, 0.1922
CMYK	0.08, 0.09, 0.00, 0.19
HSL	249°, 16%, 77%
HSV	249°, 9%, 81%
XYZ	50.1461, 50.9440, 65.5827
YIQ	190.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

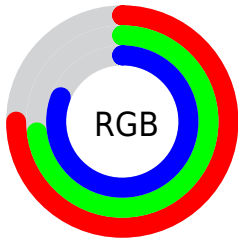
Format	Color
R _Y B	190, 187, 206
Decimal	12499918
CIE Lab	76.65, 4.69, -9.17
CIE LCh	77, 10.300, 297.074
Yxy	50.9440, 0.3009, 0.3057
Android (android.graphics.Color)	4290689998 (0xFFBEBBCE)
YUV	190.0630, 7.8569, -0.0553
Hunter-Lab	71.3751, 0.5026, -4.5158

Details

The YUV color $190.0630, 7.8569, -0.0553$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.9370, -7.8569, 0.0553$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2650, 4.7994, 0.6446$, and $136.9490, 7.4201, 0.0447$ is the 20% darker color. If you saturate the color by 10%, you get $172.6530, 16.4401, 0.3043$, and if you desaturate by 10%, it is $207.4730, -0.7262, -0.4148$.

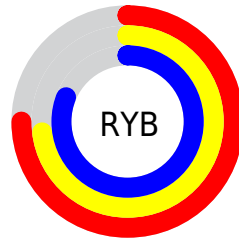
Distribution



Red (75%)

Green (73%)

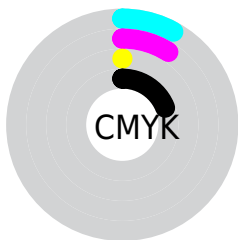
Blue (81%)



Red (75%)

Yellow (73%)

Blue (81%)

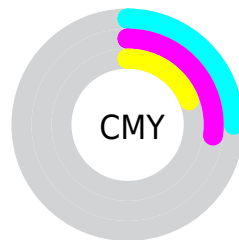


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0630, 7.8569, -0.0553 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 190.0630, 7.8569, -0.0553 by changing the saturation by 10% instead.

■ 190.0630, 7.8569,
-0.0553

■ 190.0630, 7.8569,
-0.0553

255.0000, 0.0000,
0.0000

■ 163.0630, 7.8569,
-0.0553

■ 245.2650, 4.7994,
0.6446

■ 136.9490, 7.4201,
0.0447

■ 111.5360, 7.1308,
-0.4701

■ 86.8350, 6.9833,
0.1447

■ 63.4220, 6.6940,
-0.3701

■ 41.3080, 6.2572,
-0.2701

■ 21.1940, 5.8204,

-0.1701

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 190.0630, 7.8569,
-0.0553

■ 190.0630, 7.8569,
-0.0553

■ 172.6530, 16.4401,
0.3043

■ 207.4730, -0.7262,
-0.4148

■ 155.5310, 24.8812,
-0.4657

■ 224.5950, -9.1673,
0.3552

■ 138.1210, 33.4643,
-0.1061

■ 242.0050,
-17.7505, -0.0044

■ 121.2980, 41.7581,
-0.2613

■ 249.4140,
-21.4031, 4.8989

■ 103.5890, 50.4886,
-0.5166

■ 86.1790, 59.0718,
-0.1570

■ 69.3560, 67.3655,
-0.3122

■ 51.6470, 76.0960,
-0.5674

■ 34.8240, 84.3898,
-0.7226

Harmonies

Analogous

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



188.4640, 9.6312, -9.1769



190.0630, 7.8569, -0.0553



190.9070, 4.4828, 8.8516

Triad

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



190.0630, 7.8569, -0.0553



189.9110, -8.3371, 14.1101



186.1290, 0.9224, -15.8991

Complementary

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



190.0630, 7.8569, -0.0553



202.9370, -7.8569, 0.0553

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.



187.2070, -4.0461, -8.9515



190.0630, 7.8569, -0.0553



188.9380, -9.3364, 7.9474

Square

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



190.0630, 7.8569, -0.0553



190.8450, -4.8536, 16.7989



187.6380, -7.7095, -0.5595



186.2580, 5.2958, -18.6433

Rectangle

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



190.0630, 7.8569, -0.0553



191.1310, 1.4144, 13.0401



187.6380, -7.7095, -0.5595



186.6840, -0.8302, -13.7549

Sweetspot

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



190.0630, 7.8569, -0.0553



248.5100, 3.1996, 0.4297



198.5580, 3.6689, -10.1364



122.9830, 2.4734, 0.0149



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.



190.0630, 7.8569, -0.0553



231.3880, 11.6407, -0.3403



192.7540, 6.5303, 5.4777



93.4390, 4.2206, -0.3850



26.6980, 68.6759, -0.6121



6.1260, 15.7139, -0.1105

Inverse Universe

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



194.5050, 4.1880, 10.0811



238.1080, 6.3558, 14.8143



200.2460, -6.5303, -5.4777



95.9020, 2.0203, 5.3479



65.5940, 36.6822, 88.0561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 190.0630, 7.8569, -0.0553 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 190.0630, 7.8569, -0.0553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

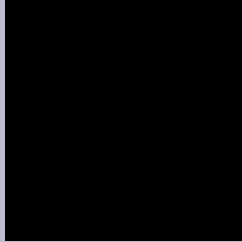
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0630, 7.8569, -0.0553

Background



This preview shows how black text looks on a background with the YUV color 190.0630, 7.8569, -0.0553.



This preview shows how white text looks on a background with the YUV color 190.0630, 7.8569, -0.0553.

-0.0553.

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

190.0630, 7.8569, -0.0553

Protanopia

189.7530, 8.0098, -2.4144

Deuteranopia

191.1070, 7.8352, 6.9222



Tritanopia

189.8950, 5.9678, -0.7849

Trichromacy



Original Color

190.0630, 7.8569, -0.0553

Protanomaly

190.0520, 7.8624, -1.7996

Deuteranomaly

190.7970, 7.9881, 4.5630

Tritanomaly

190.0090, 6.4046, -0.8849

Monochromacy



Original Color

190.0630, 7.8569, -0.0553

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0630, 7.8569, -0.0553 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(190, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 206)  
}
```

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(190, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 206) }
```

Border

The CSS property to change the border of an element to YUV 190.0630, 7.8569, -0.0553 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(190, 187, 206) }
```


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

```
.border{ border-color:rgb(190, 187, 206) }
```

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

Here you see how a box with a 4 pixel rgb(190, 187, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 190.0630, 7.8569, -0.0553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 206) }
```

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

```
.background{ background-color: rgb(190,  
187, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor