

Converting Colors

YUV(190.6620, 6.0826, 9.0664)

Have a look what the booklet for
YUV(190.6620, 6.0826, 9.0664)
contains.

YUV(190.6620, 6.0826, 9.0664)	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(190.6620, 6.0826,
9.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7CB
RGB	201, 183, 203
RGB Percent	79%, 72%, 80%
CMY	0.2118, 0.2824, 0.2039
CMYK	0.01, 0.10, 0.00, 0.20
HSL	294°, 16%, 76%
HSV	294°, 10%, 80%
XYZ	51.8004, 50.5963, 63.5358
YIQ	190.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

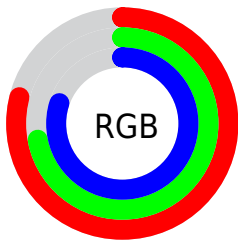
Format	Color
R _Y B	201, 183, 203
Decimal	13219787
CIE Lab	76.43, 9.99, -7.76
CIE LCh	76, 12.652, 322.172
Yxy	50.5963, 0.3122, 0.3049
Android (android.graphics.Color)	4291409867 (0xFFC9B7CB)
YUV	190.6620, 6.0826, 9.0664
Hunter-Lab	71.1311, 5.5112, -3.1674

Details

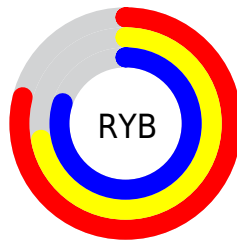
The YUV color `190.6620, 6.0826, 9.0664` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `195.3380, -6.0826, -9.0664`, and the grayscale version is `191.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `245.6080, 4.6303, 8.2368`, and `137.2490, 5.7932, 8.5516` is the 20% darker color. If you saturate the color by 10%, you get `178.3240, 12.1653, 18.1329`, and if you desaturate by 10%, it is `203.0000, 0.0000, 0.0000`.

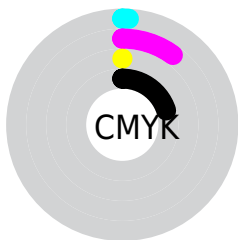
Distribution



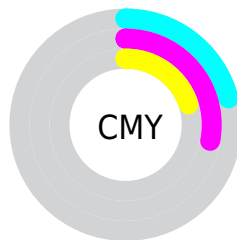
- Red (79%)
- Green (72%)
- Blue (80%)



- Red (79%)
- Yellow (72%)
- Blue (80%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.6620, 6.0826, 9.0664 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 190.6620, 6.0826, 9.0664 by changing the saturation by 10% instead.

■ 190.6620, 6.0826,
9.0664

■ 190.6620, 6.0826,
9.0664

255.0000, 0.0000,
0.0000

■ 163.6620, 6.0826,
9.0664

■ 245.6080, 4.6303,
8.2368

■ 137.2490, 5.7932,
8.5516

■ 111.8360, 5.5039,
8.0368

■ 87.4230, 5.2145,
7.5220

■ 64.0100, 4.9251,
7.0072

■ 42.0100, 4.9251,
7.0072

■ 21.5970, 4.6357,

6.4924

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 190.6620, 6.0826,
9.0664

■ 190.6620, 6.0826,
9.0664

■ 178.3240, 12.1653,
18.1329

■ 203.0000, 0.0000,
0.0000

■ 165.3990, 18.5373,
27.7141

■ 215.9250, -6.3720,
-9.5812

■ 153.0610, 24.6199,
36.7805

■ 228.2630,
-12.4547, -18.6477

■ 140.7230, 30.7026,
45.8469

■ 235.3180,
-15.9328, -23.0809

■ 128.3850, 36.7852,
54.9134

■ 235.9160,
-16.2276, -21.8513

■ 115.4600, 43.1572,
64.4946

■ 236.5140,
-16.5224, -20.6218

■ 103.1220, 49.2399,
73.5610

■ 237.1120,
-16.8172, -19.3922

■ 90.7840, 55.3225,
82.6274

■ 237.7100,
-17.1120, -18.1627

■ 77.8590, 61.6945,
92.2087

■ 238.3080,
-17.4068, -16.9331

Harmonies

Analogous

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



189.6220, 10.0464, -2.2995



190.6620, 6.0826, 9.0664



191.2240, 0.3826, 17.3436

Triad

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



190.6620, 6.0826, 9.0664



188.7920, -11.2365, 10.7064



184.4640, 6.1802, -22.3319

Complementary

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



190.6620, 6.0826, 9.0664



195.3380, -6.0826, -9.0664

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.



184.5910, 0.2016, -18.0583



190.6620, 6.0826, 9.0664



187.0790, -9.8989, 1.6847

Square

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



190.6620, 6.0826, 9.0664



189.7050, -9.2216, 17.7987



186.0390, -5.9352, -9.6812



185.9140, 10.3954, -20.9726

Rectangle

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



190.6620, 6.0826, 9.0664



191.2090, -3.5540, 19.9877



186.0390, -5.9352, -9.6812



184.8940, 3.9963, -21.8320

Sweetspot

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



190.6620, 6.0826, 9.0664



250.0050, 2.4625, 3.5036



186.4540, 8.1572, -3.0292



124.1790, 1.8838, 2.4740



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.



190.6620, 6.0826, 9.0664



235.9060, 9.4133, 14.1144



190.3480, 2.2934, 11.0958



95.8310, 3.0413, 4.5332



63.4750, 50.5448, 75.0054



14.4980, 11.5865, 17.1033

Inverse Universe

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



189.2080, -2.0745, 12.0956



233.6110, -3.2592, 18.7582



195.6520, -2.2934, -11.0958



95.1040, -1.0373, 6.0478



51.5720, -17.0440, 100.3534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 190.6620, 6.0826, 9.0664 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 190.6620, 6.0826, 9.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

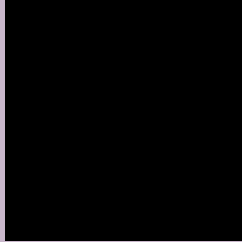
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.6620, 6.0826, 9.0664

Background



This preview shows how black text looks on a background with the YUV color 190.6620, 6.0826, 9.0664.



This preview shows how white text looks on a background with the YUV color 190.6620, 6.0826,

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

190.6620, 6.0826, 9.0664

Protanopia

189.1660, 8.2992, -1.8996

Deuteranopia

190.3630, 6.2300, 8.4516



Tritanopia

190.3800, 3.7567, 8.4367

Trichromacy



Original Color

190.6620, 6.0826, 9.0664

Protanomaly

189.9600, 7.4147, 1.7891

Deuteranomaly

190.3630, 6.2300, 8.4516

Tritanomaly

190.6080, 4.6303, 8.2368

Monochromacy



Original Color

190.6620, 6.0826, 9.0664

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.6620, 6.0826, 9.0664 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(201, 183, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 203)  
}
```

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(201, 183, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 203) }
```

Border

The CSS property to change the border of an element to YUV 190.6620, 6.0826, 9.0664 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(201, 183, 203) }
```


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

```
.border{ border-color:rgb(201, 183, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 190.6620, 6.0826, 9.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 203) }
```

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

```
.background{ background-color: rgb(201,  
183, 203) }
```

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