

Converting Colors

YUV(200.3820, 10.6577,
-11.7360)

Have a look what the booklet for
YUV(200.3820, 10.6577, -11.7360)
contains.

YUV(200.3820, 10.6577, -11.7360)	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(200.3820, 10.6577,
-11.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCBDE
RGB	187, 203, 222
RGB Percent	73%, 80%, 87%
CMY	0.2667, 0.2039, 0.1294
CMYK	0.16, 0.09, 0.00, 0.13
HSL	213°, 35%, 80%
HSV	213°, 16%, 87%
XYZ	55.0343, 58.5506, 77.5080
YIQ	200.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

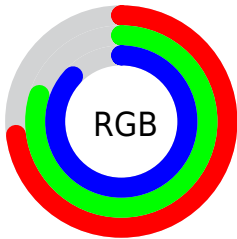
Format	Color
R _Y B	187, 198, 222
Decimal	12307422
CIE Lab	81.04, -1.55, -11.26
CIE LCh	81, 11.366, 262.163
Yxy	58.5506, 0.2880, 0.3064
Android (android.graphics.Color)	4290497502 (0xFFBBCBDE)
YUV	200.3820, 10.6577, -11.7360
Hunter-Lab	76.5184, -5.5246, -6.4940

Details

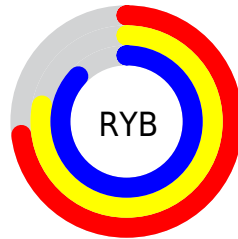
The YUV color $200.3820, 10.6577, -11.7360$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.6180, -10.6577, 11.7360$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $146.2680, 10.2209, -11.6360$ is the 20% darker color. If you saturate the color by 10%, you get $186.7600, 17.3733, -19.0835$, and if you desaturate by 10%, it is $214.0040, 3.9420, -4.3885$.

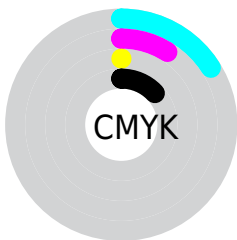
Distribution



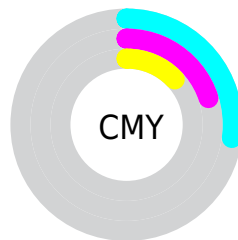
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3820, 10.6577, -11.7360 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 200.3820, 10.6577, -11.7360 by changing the saturation by 10% instead.

■ 200.3820, 10.6577,
-11.7360

■ 200.3820, 10.6577,
-11.7360

255.0000, 0.0000,
0.0000

■ 173.2680, 10.2209,
-11.6360

■ 251.4120, 1.7689,
-7.3773

■ 146.2680, 10.2209,
-11.6360

■ 120.5670, 10.0735,
-11.0213

■ 95.4530, 9.6367,
-10.9213

■ 72.2250, 8.7631,
-10.7213

■ 49.2250, 8.7631,
-10.7213

■ 27.8120, 8.4737,

-11.2361

■ 6.3720, 9.1836,
-5.5882

■ 0.0000, 0.0000,
0.0000

■ 200.3820, 10.6577,
-11.7360

■ 200.3820, 10.6577,
-11.7360

■ 186.7600, 17.3733,
-19.0835

■ 214.0040, 3.9420,
-4.3885

■ 173.1380, 24.0890,
-26.4310

■ 227.6260, -2.7736,
2.9590

■ 159.2170, 30.9520,
-34.3933

■ 241.5470, -9.6367,
10.9213

■ 145.5950, 37.6677,
-41.7408

■ 248.8900,
-13.2568, 5.3585

■ 131.9730, 44.3833,
-49.0883

■ 251.2380,
-14.4143, 3.2993

■ 118.3510, 51.0990,
-56.4358

■ 104.7290, 57.8146,
-63.7833

■ 90.8080, 64.6777,
-71.7456

■ 84.5950, 67.7407,
-74.1898

Harmonies

Analogous

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



198.9960, 9.3690, -18.4135



200.3820, 10.6577, -11.7360



201.8070, 9.4621, -1.5847

Triad

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



200.3820, 10.6577, -11.7360



202.9700, -4.4222, 18.4433



198.8650, -5.3564, -8.6516

Complementary

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



200.3820, 10.6577, -11.7360



208.6180, -10.6577, 11.7360

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.



200.0080, -8.8779, 0.8700



200.3820, 10.6577, -11.7360



202.2210, -8.4900, 16.4692

Square

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



200.3820, 10.6577, -11.7360



203.2130, 0.3880, 15.5992



201.6070, -10.6523, 9.9917



197.6020, 0.1962, -16.3140

Rectangle

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



200.3820, 10.6577, -11.7360



202.8680, 6.9671, 5.3778



201.6070, -10.6523, 9.9917



199.1320, -6.9671, -5.3778

Sweetspot

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



200.3820, 10.6577, -11.7360



247.0040, 3.9420, -4.3885



209.7110, -1.8295, -19.9175



122.6730, 2.6262, -2.3442



0.0000, 0.0000, 0.0000



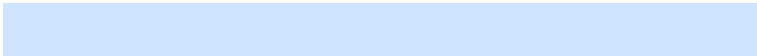
128.0000, 0.0000, 0.0000

Same Dimension

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



200.3820, 10.6577, -11.7360



225.3860, 14.5997, -16.1245



191.2890, 15.1405, -2.8845



105.1890, 3.3578, -3.6738



67.0240, 53.7252, -58.7800



18.3860, 14.5997, -16.1245

Inverse Universe

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



199.2890, 1.8295, 19.9175



223.8600, 2.5340, 27.3098



217.7110, -15.1405, 2.8845



104.8590, 0.5625, 6.2627



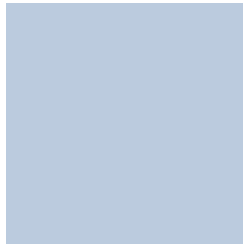
61.7440, 9.0002, 100.2025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 200.3820, 10.6577, -11.7360 looks on a white background.

Color Contrast Check

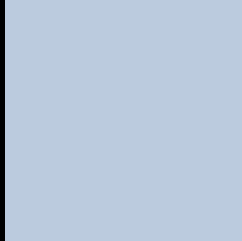
Large Text (above 18pt) WCAG AA × Fail

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 200.3820, 10.6577, -11.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

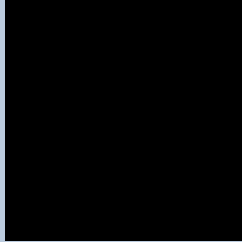
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

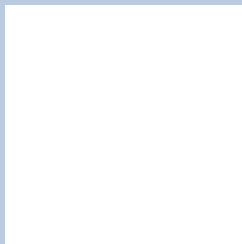
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3820, 10.6577, -11.7360

Background



This preview shows how black text looks on a background with the YUV color 200.3820, 10.6577, -11.7360.



This preview shows how white text looks on a background with the YUV color 200.3820, 10.6577, -11.7360.

-11.7360.

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

200.3820, 10.6577, -11.7360

Protanopia

201.9810, 8.8834, -2.6143

Deuteranopia

203.2640, 9.7298, 5.9075



Tritanopia

200.1540, 9.7841, -11.5361

Trichromacy



Original Color

200.3820, 10.6577, -11.7360

Protanomaly

201.4860, 9.6204, -5.6882

Deuteranomaly

202.6330, 10.0409, -0.5551

Tritanomaly

200.2680, 10.2209, -11.6360

Monochromacy



Original Color

200.3820, 10.6577, -11.7360

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3820, 10.6577, -11.7360 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(187, 203, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 222)  
}
```

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(187, 203, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 222) }
```

Border

The CSS property to change the border of an element to YUV 200.3820, 10.6577, -11.7360 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(187, 203, 222) }
```


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

```
.border{ border-color:rgb(187, 203, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 200.3820, 10.6577, -11.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 222) }
```

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

```
.background{ background-color: rgb(187,  
203, 222) }
```

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