

Converting Colors

YUV(233.3820, 10.6577,
-11.7360)

Have a look what the booklet for
YUV(233.3820, 10.6577, -11.7360)
contains.

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Color

**YUV(233.3820, 10.6577,
-11.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	DCECFE
RGB	220, 236, 255
RGB Percent	86%, 93%, 100%
CMY	0.1373, 0.0745, 0.0000
CMYK	0.14, 0.07, 0.00, 0.00
HSL	213°, 100%, 93%
HSV	213°, 14%, 100%
XYZ	77.5607, 82.4265, 106.4298
YIQ	233.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

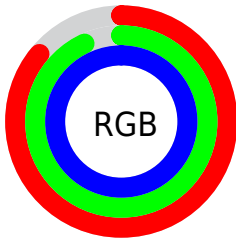
Format	Color
R_{YB}	220, 231, 255
Decimal	14478591
CIE _{Lab}	92.76, -1.57, -10.96
CIE _{LCh}	93, 11.076, 261.863
Yxy	82.4265, 0.2911, 0.3094
Android (android.graphics.Color)	4292668671 (0xFFDCECFF)
YUV	233.3820, 10.6577, -11.7360
Hunter-Lab	90.7891, -6.3892, -5.9518

Details

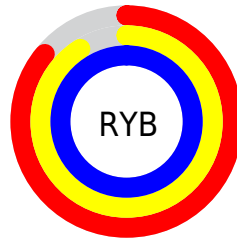
The YUV color $233.3820, 10.6577, -11.7360$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.6180, -10.6577, 11.7360$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5670, 10.0735, -11.0213$ is the 20% darker color. If you saturate the color by 10%, you get $217.6890, 18.3943, -19.8983$, and if you desaturate by 10%, it is $249.3740, 2.7736, -2.9590$.

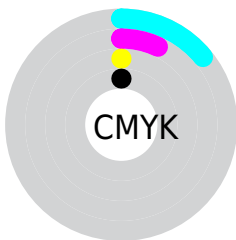
Distribution



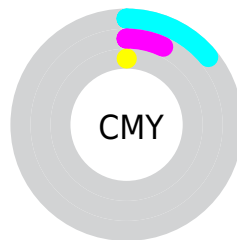
- Red (86%)
- Green (93%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.3820, 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 233.3820, 10.6577, -11.7360 by changing the saturation by 10% instead.

■ 233.3820, 10.6577,
-11.7360

■ 233.3820, 10.6577,
-11.7360

255.0000, 0.0000,
0.0000

■ 205.2680, 10.2209,
-11.6360

■ 177.5670, 10.0735,
-11.0213

■ 150.5670, 10.0735,
-11.0213

■ 125.3390, 9.1999,
-10.8213

■ 100.3390, 9.1999,
-10.8213

■ 76.2250, 8.7631,
-10.7213

■ 53.1110, 8.3263,

-10.6213

■ 31.1110, 8.3263,
-10.6213

■ 10.1220, 8.3209,
-8.8770

■ 233.3820, 10.6577,
-11.7360

■ 233.3820, 10.6577,
-11.7360

■ 217.6890, 18.3943,
-19.8983

■ 249.3740, 2.7736,
-2.9590

■ 201.6970, 26.2784,
-28.6753

255.0000, 0.0000,
0.0000

■ 186.0040, 34.0150,
-36.8375

■ 170.5990, 41.6097,
-46.1293

■ 154.9060, 49.3463,
-54.2916

■ 138.9140, 57.2304,
-63.0686

■ 123.2210, 64.9670,
-71.2308

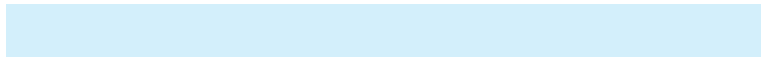
■ 107.2290, 72.8511,
-80.0078

■ 97.7490, 77.5247,
-85.7259

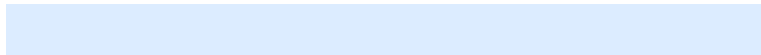
Harmonies

Analogous

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



231.9960, 9.3690, -18.4135



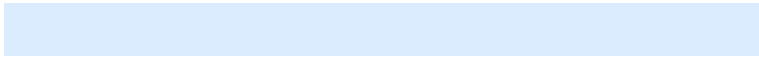
233.3820, 10.6577, -11.7360



234.8070, 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.



233.3820, 10.6577, -11.7360



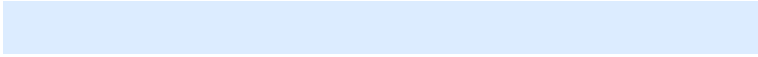
235.3720, -4.1274, 17.2138



231.8650, -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.



233.3820, 10.6577, -11.7360



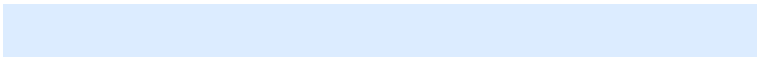
241.6180, -10.6577, 11.7360

Split Complementary

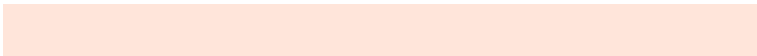
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1930, -9.4621, 1.5847



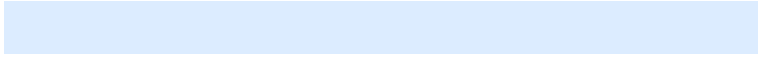
233.3820, 10.6577, -11.7360



235.5200, -8.6374, 17.0840

Square

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



233.3820, 10.6577, -11.7360



236.3270, 0.8248, 15.4992



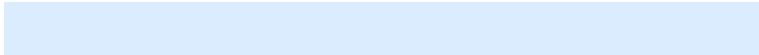
234.0200, -10.3629, 10.5065



230.6020, 0.1962, -16.3140

Rectangle

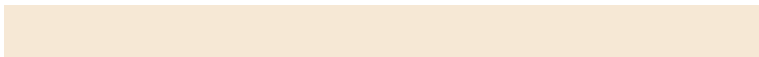
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.3820, 10.6577, -11.7360



235.8680, 6.9671, 5.3778



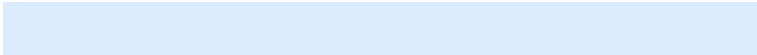
234.0200, -10.3629, 10.5065



232.1320, -6.9671, -5.3778

Sweetspot

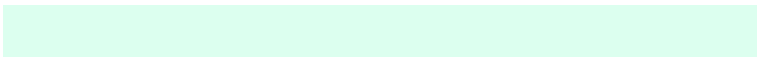
The Sweet Spot groups the original color and five complimentary colors.



233.3820, 10.6577, -11.7360



248.4880, 3.2104, -3.0590



242.7110, -1.8295, -19.9175



123.5590, 2.1894, -2.2442



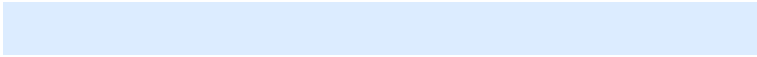
0.0000, 0.0000, 0.0000



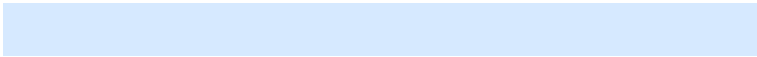
128.0000, 0.0000, 0.0000

Same Dimension

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



233.3820, 10.6577, -11.7360



229.8270, 12.4103, -13.8803



224.2890, 15.1405, -2.8845



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



232.2890, 1.8295, 19.9175



228.4250, 2.2555, 23.3063



250.7110, -15.1405, 2.8845



119.5710, 0.7045, 7.3922



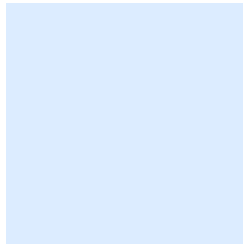
67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 233.3820, 10.6577, -11.7360 looks on a white background.

Color Contrast Check

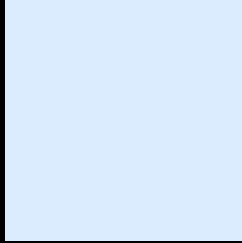
Large Text (above 18pt) WCAG AA × Fail

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 233.3820, 10.6577, -11.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

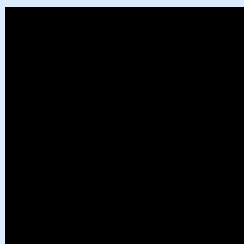
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

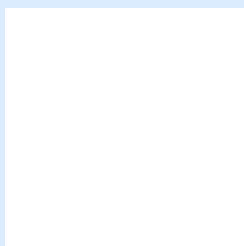
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.3820, 10.6577, -11.7360

Background



This preview shows how black text looks on a background with the YUV color 233.3820, 10.6577, -11.7360.



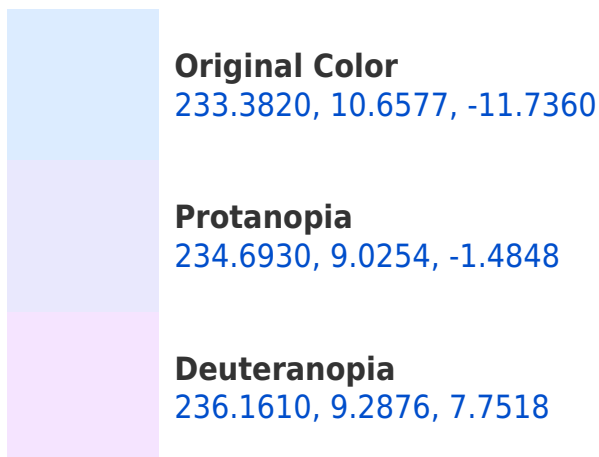
This preview shows how white text looks on a background with the YUV color 233.3820, 10.6577, -11.7360.

-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





Tritanopia

233.3820, 10.6577, -11.7360

Trichromacy



Original Color

233.3820, 10.6577, -11.7360

Protanomaly

233.8990, 9.9098, -5.1734

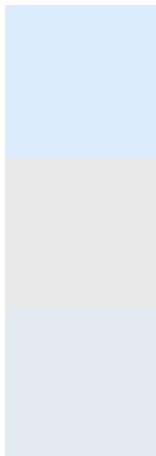
Deuteranomaly

235.2310, 9.7461, 0.6744

Tritanomaly

233.3820, 10.6577, -11.7360

Monochromacy



Original Color

233.3820, 10.6577, -11.7360

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3820, 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(220, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 236, 255)  
}
```

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(220, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 236, 255) }
```

Border

The CSS property to change the border of an element to YUV 233.3820, 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(220, 236, 255) }
```


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

```
.border{ border-color:rgb(220, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 236,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 233.3820, 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(220, 236, 255) }
```

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

```
.background{ background-color: rgb(220,  
236, 255) }
```

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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