

Converting Colors

YUV(235.5080, 9.6096, -2.1995)

Have a look what the booklet for
YUV(235.5080, 9.6096, -2.1995)
contains.

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Color

**YUV(235.5080, 9.6096,
-2.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E9FF
RGB	233, 233, 255
RGB Percent	91%, 91%, 100%
CMY	0.0863, 0.0863, 0.0000
CMYK	0.09, 0.09, 0.00, 0.00
HSL	240°, 100%, 96%
HSV	240°, 9%, 100%
XYZ	80.7932, 82.8215, 106.3356
YIQ	235.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

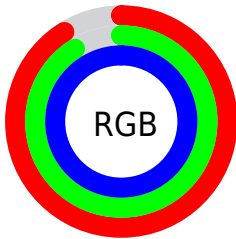
Format	Color
R _{YB}	233, 233, 255
Decimal	15329791
CIE Lab	92.94, 4.09, -10.61
CIE LCh	93, 11.367, 291.076
Yxy	82.8215, 0.2993, 0.3068
Android (android.graphics.Color)	4293519871 (0xFFE9E9FF)
YUV	235.5080, 9.6096, -2.1995
Hunter-Lab	91.0063, -0.7931, -5.5725

Details

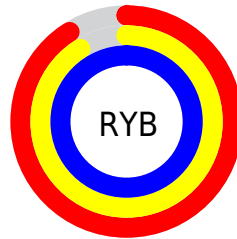
The YUV color $235.5080, 9.6096, -2.1995$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $252.4920, -9.6096, 2.1995$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.3940, 9.1728, -2.0995$ is the 20% darker color. If you saturate the color by 10%, you get $213.3580, 20.5295, -4.6990$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

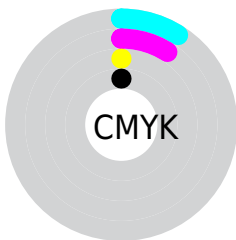
Distribution



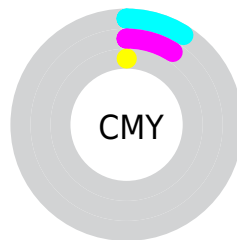
- Red (91%)
- Green (91%)
- Blue (100%)



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



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



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.5080, 9.6096, -2.1995 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 235.5080, 9.6096, -2.1995 by changing the saturation by 10% instead.

235.5080, 9.6096,
-2.1995

235.5080, 9.6096,
-2.1995

255.0000, 0.0000,
0.0000

207.3940, 9.1728,
-2.0995

179.3940, 9.1728,
-2.0995

153.2800, 8.7360,
-1.9996

127.1660, 8.2992,
-1.8996

102.1660, 8.2992,
-1.8996

78.0520, 7.8624,
-1.7996

54.9380, 7.4256,

-1.6996

■ 33.5250, 7.1362,
-2.2144

■ 11.0520, 7.8624,
-1.7996

■ 235.5080, 9.6096,
-2.1995

■ 235.5080, 9.6096,
-2.1995

■ 213.3580, 20.5295,
-4.6990

255.0000, 0.0000,
0.0000

■ 190.3220, 31.8863,
-7.2984

■ 167.2860, 43.2430,
-9.8978

■ 145.1360, 54.1630,
-12.3973

■ 122.9860, 65.0829,
-14.8967

■ 99.9500, 76.4397,
-17.4961

■ 77.8000, 87.3596,
-19.9956

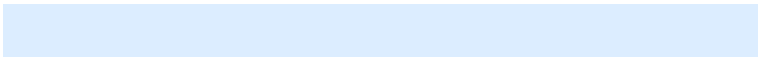
■ 54.7640, 98.7163,
-22.5950

■ 32.6140, 109.6363,
-25.0945

Harmonies

Analogous

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



233.9690, 10.3683, -12.2508



235.5080, 9.6096, -2.1995



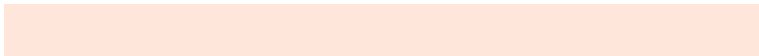
236.9500, 5.9407, 7.9369

Triad

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



235.5080, 9.6096, -2.1995



236.1070, -8.9268, 16.5692



231.4880, -0.2406, -16.2140

Complementary

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



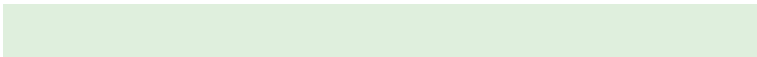
235.5080, 9.6096, -2.1995



252.4920, -9.6096, 2.1995

Split Complementary

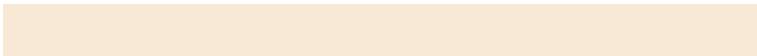
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1640, -5.5039, -8.0368



235.5080, 9.6096, -2.1995



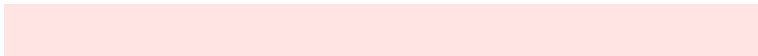
234.9060, -10.7997, 10.6064

Square

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



235.5080, 9.6096, -2.1995



235.9590, -4.4168, 16.6990



233.1930, -9.4621, 1.5847



231.2470, 5.3012, -20.3876

Rectangle

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



235.5080, 9.6096, -2.1995



237.0710, 2.4300, 13.9697



233.1930, -9.4621, 1.5847



231.6300, -2.2826, -14.5845

Sweetspot

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



235.5080, 9.6096, -2.1995



247.9120, 3.4944, -0.7998



248.4220, 3.2430, -13.5251



122.6840, 2.6208, -0.5999



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.



235.5080, 9.6096, -2.1995



232.8500, 10.9200, -2.4994



238.7970, 7.9881, 4.5630



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Inverse Universe

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



242.0860, 6.3666, 11.3256



240.3250, 7.2348, 12.8700



249.2030, -7.9881, -4.5630



120.3690, 3.7621, 6.6924



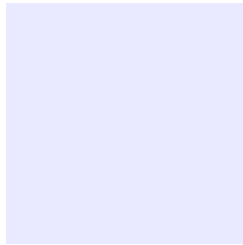
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 235.5080, 9.6096, -2.1995 looks on a white background.

Color Contrast Check

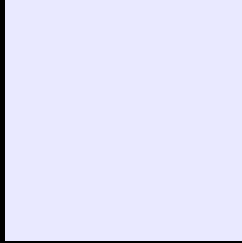
Large Text (above 18pt) WCAG AA × Fail

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 235.5080, 9.6096, -2.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

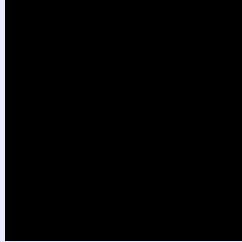
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.5080, 9.6096, -2.1995

Background



This preview shows how black text looks on a background with the YUV color 235.5080, 9.6096, -2.1995.



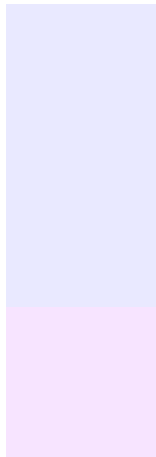
This preview shows how white text looks on a background with the YUV color 235.5080, 9.6096,

-2.1995.

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

235.5080, 9.6096, -2.1995

Protanopia

235.5080, 9.6096, -2.1995

Deuteranopia

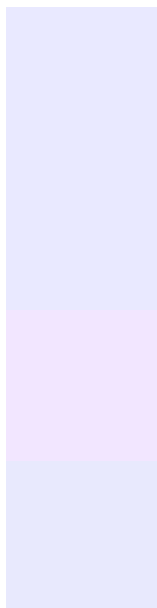
236.7590, 8.9928, 8.9814



Tritanopia

234.8670, 8.4466, -2.5144

Trichromacy



Original Color

235.5080, 9.6096, -2.1995

Protanomaly

235.5080, 9.6096, -2.1995

Deuteranomaly

236.4380, 9.1511, 4.8779

Tritanomaly

234.9810, 8.8834, -2.6143

Monochromacy



Original Color

235.5080, 9.6096, -2.1995

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.5080, 9.6096, -2.1995 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(233, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 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(233, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 255) }
```

Border

The CSS property to change the border of an element to YUV 235.5080, 9.6096, -2.1995 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(233, 233, 255) }
```


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

```
.border{ border-color:rgb(233, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 233,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 235.5080, 9.6096, -2.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 255) }
```

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

```
.background{ background-color: rgb(233,  
233, 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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