

Converting Colors

YUV(236.3280, 9.2053,
-12.5657)

Have a look what the booklet for
YUV(236.3280, 9.2053, -12.5657)
contains.

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Color

**YUV(236.3280, 9.2053,
-12.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF0FF
RGB	222, 240, 255
RGB Percent	87%, 94%, 100%
CMY	0.1294, 0.0588, 0.0000
CMYK	0.13, 0.06, 0.00, 0.00
HSL	207°, 100%, 94%
HSV	207°, 13%, 100%
XYZ	79.3343, 85.0698, 106.8465
YIQ	236.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

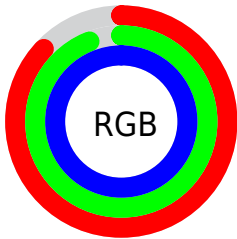
Format	Color
R _Y B	222, 234, 255
Decimal	14610687
CIE Lab	93.91, -2.99, -9.24
CIE LCh	94, 9.712, 252.060
Yxy	85.0698, 0.2925, 0.3136
Android (android.graphics.Color)	4292800767 (0xFFDEF0FF)
YUV	236.3280, 9.2053, -12.5657
Hunter-Lab	92.2333, -7.8718, -4.1205

Details

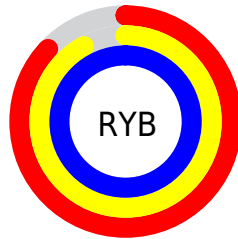
The YUV color $236.3280, 9.2053, -12.5657$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.6720, -9.2053, 12.5657$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.5130, 8.6211, -11.8509$ is the 20% darker color. If you saturate the color by 10%, you get $221.8090, 16.3632, -21.7575$, and if you desaturate by 10%, it is $251.1460, 1.9000, -2.7590$.

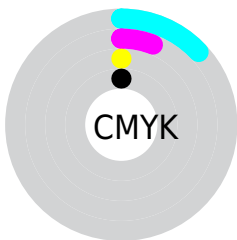
Distribution



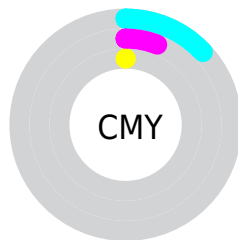
- Red (87%)
- Green (94%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.3280, 9.2053, -12.5657 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 236.3280, 9.2053, -12.5657 by changing the saturation by 10% instead.

■ 236.3280, 9.2053,
-12.5657

■ 236.3280, 9.2053,
-12.5657

255.0000, 0.0000,
0.0000

■ 208.2140, 8.7685,
-12.4657

■ 180.5130, 8.6211,
-11.8509

■ 153.5130, 8.6211,
-11.8509

■ 127.5130, 8.6211,
-11.8509

■ 102.6980, 8.0369,
-11.1361

■ 78.5840, 7.6001,
-11.0362

■ 55.5840, 7.6001,

-11.0362

■ 33.4700, 7.1633,
-10.9362

■ 12.4700, 7.1633,
-10.9362

■ 236.3280, 9.2053,
-12.5657

■ 236.3280, 9.2053,
-12.5657

■ 221.8090, 16.3632,
-21.7575

■ 251.1460, 1.9000,
-2.7590

■ 207.5780, 23.3790,
-32.0789

255.0000, 0.0000,
0.0000

■ 193.0590, 30.5369,
-41.2707

■ 178.8280, 37.5528,
-51.5922

■ 164.3090, 44.7107,
-60.7840

■ 149.4910, 52.0159,
-70.5906

■ 135.5590, 58.8844,
-80.2972

■ 120.7410, 66.1897,
-90.1039

■ 110.6630, 71.1581,
-97.0515

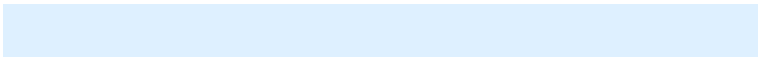
Harmonies

Analogous

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



235.1380, 7.3270, -16.7840



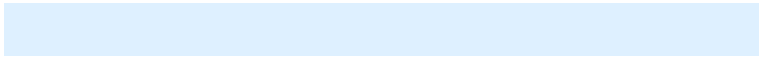
236.3280, 9.2053, -12.5657



237.8560, 8.4520, -4.2587

Triad

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



236.3280, 9.2053, -12.5657



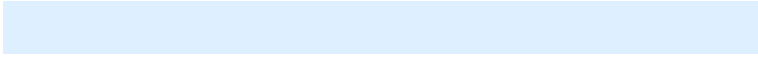
238.5180, -2.2274, 14.4547



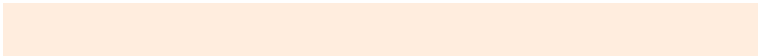
235.6590, -6.2409, -4.9629

Complementary

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



236.3280, 9.2053, -12.5657



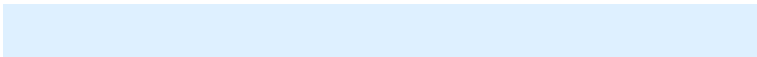
240.6720, -9.2053, 12.5657

Split Complementary

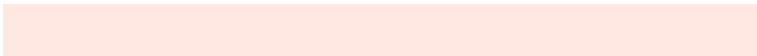
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.7310, -8.7414, 3.7439



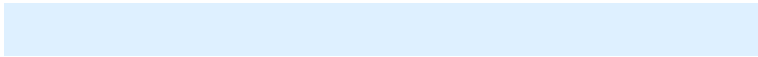
236.3280, 9.2053, -12.5657



238.0790, -6.4479, 14.8397

Square

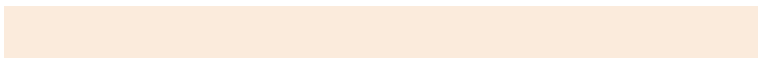
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.3280, 9.2053, -12.5657



239.5330, 1.7092, 11.8106



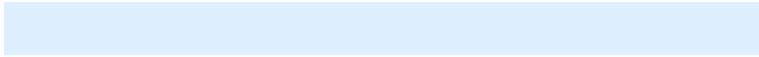
238.0740, -8.9105, 11.3361



235.0540, -1.9986, -12.3254

Rectangle

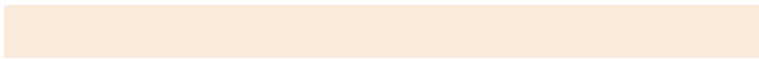
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.3280, 9.2053, -12.5657



238.5470, 7.1253, 1.2743



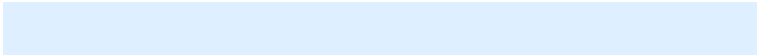
238.0740, -8.9105, 11.3361



236.1540, -6.9779, -1.8891

Sweetspot

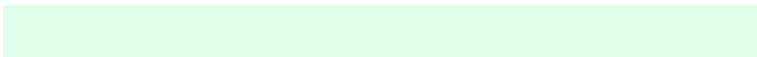
The Sweet Spot groups the original color and five complimentary colors.



236.3280, 9.2053, -12.5657



249.0750, 2.9210, -3.5738



243.0810, -2.9979, -18.4880



124.1460, 1.9000, -2.7590



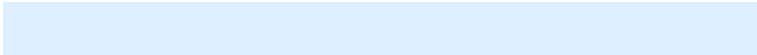
0.0000, 0.0000, 0.0000



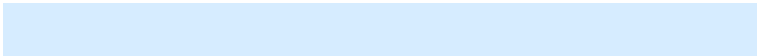
128.0000, 0.0000, 0.0000

Same Dimension

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



236.3280, 9.2053, -12.5657



231.5880, 11.5421, -15.4247



226.9360, 13.8356, -4.3289



120.5910, 3.6526, -4.9033



82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Inverse Universe

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



233.9190, 2.9979, 18.4880



228.7670, 3.5659, 23.0063



250.0640, -13.8356, 4.3289



119.6850, 1.1413, 7.2923



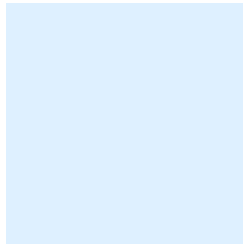
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 236.3280, 9.2053, -12.5657 looks on a white background.

Color Contrast Check

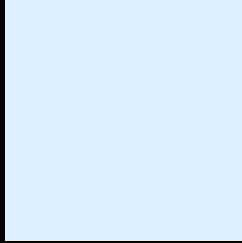
Large Text (above 18pt) WCAG AA × Fail

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 236.3280, 9.2053, -12.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

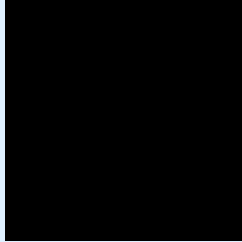
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

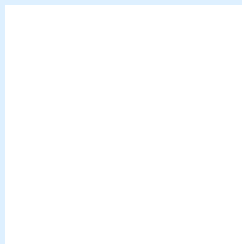
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.3280, 9.2053, -12.5657

Background



This preview shows how black text looks on a background with the YUV color 236.3280, 9.2053, -12.5657.



This preview shows how white text looks on a background with the YUV color 236.3280, 9.2053, -12.5657.

-12.5657.

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

236.3280, 9.2053, -12.5657

Protanopia

238.1230, 6.8414, -0.9849

Deuteranopia

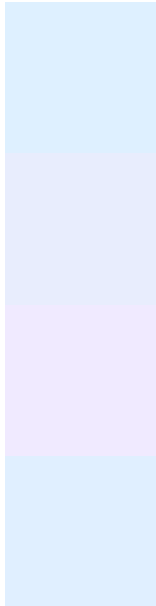
239.4170, 7.6824, 9.2813



Tritanopia

236.6380, 9.0525, -10.2065

Trichromacy



Original Color

236.3280, 9.2053, -12.5657

Protanomaly

237.3290, 7.7258, -4.6735

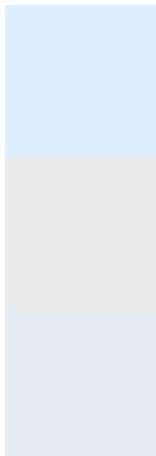
Deuteranomaly

238.1880, 8.2883, 1.5891

Tritanomaly

236.3390, 9.1999, -10.8213

Monochromacy



Original Color

236.3280, 9.2053, -12.5657

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.3280, 9.2053, -12.5657 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(222, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 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(222, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.3280, 9.2053, -12.5657 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(222, 240, 255) }
```


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

```
.border{ border-color:rgb(222, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.3280, 9.2053, -12.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 240, 255) }
```

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

```
.background{ background-color: rgb(222,  
240, 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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