

Converting Colors

YUV(240.1770, -8.4683, 9.4918)

Have a look what the booklet for
YUV(240.1770, -8.4683, 9.4918)
contains.

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Color

**YUV(240.1770, -8.4683,
9.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEEDF
RGB	251, 238, 223
RGB Percent	98%, 93%, 87%
CMY	0.0157, 0.0667, 0.1255
CMYK	0.00, 0.05, 0.11, 0.02
HSL	32°, 78%, 93%
HSV	32°, 11%, 98%
XYZ	83.6775, 86.9860, 82.1917
YIQ	240.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

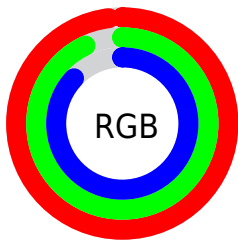
Format	Color
R_{YB}	247, 251, 223
Decimal	16510687
CIE _{Lab}	94.73, 1.92, 8.81
CIE _{LCh}	95, 9.020, 77.733
Yxy	86.9860, 0.3309, 0.3440
Android (android.graphics.Color)	4294700767 (0xFFFFBEEDF)
YUV	240.1770, -8.4683, 9.4918
Hunter-Lab	93.2663, -3.0678, 13.0366

Details

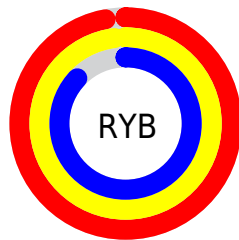
The YUV color $240.1770, -8.4683, 9.4918$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.8230, 8.4683, -9.4918$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.9920, -7.8841, 8.7770$ is the 20% darker color. If you saturate the color by 10%, you get $230.2830, -15.9155, 18.1688$, and if you desaturate by 10%, it is $250.0710, -1.0210, 0.8147$.

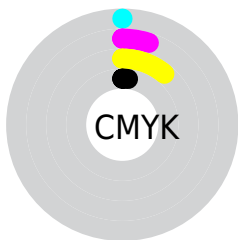
Distribution



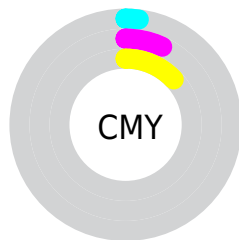
- Red (98%)
- Green (93%)
- Blue (87%)



- Red (97%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.1770, -8.4683, 9.4918 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 240.1770, -8.4683, 9.4918 by changing the saturation by 10% instead.


 240.1770, -8.4683,
9.4918


 240.1770, -8.4683,
9.4918

255.0000, 0.0000,
0.0000


 211.8780, -8.3209,
8.8770

 183.9920, -7.8841,
8.7770

 156.9920, -7.8841,
8.7770

 131.1060, -7.4473,
8.6770

 105.8070, -7.2999,
8.0623

 81.6220, -6.7156,
7.3475

 58.7360, -6.2788,

7.2475

■ 37.1380, -5.9840,
6.0180

■ 15.6930, -7.7366,
8.1622

■ 240.1770, -8.4683,
9.4918

■ 240.1770, -8.4683,
9.4918

■ 230.2830,
-15.9155, 18.1688

■ 250.0710, -1.0210,
0.8147

■ 220.9760,
-23.6522, 26.3310

■ 253.8040, 0.5896,
-2.4591

■ 211.0820,
-31.0994, 35.0081

■ 201.1880,
-38.5467, 43.6851

■ 191.8810,
-46.2833, 51.8474

■ 181.8730,
-54.1674, 60.6244

■ 171.9790,
-61.6146, 69.3014

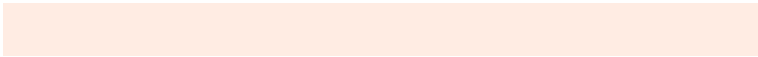
■ 162.6720,
-69.3513, 77.4637

■ 153.7070,
-75.7776, 85.3260

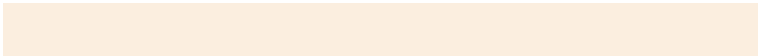
Harmonies

Analogous

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



240.6550, -6.7319, 12.5806



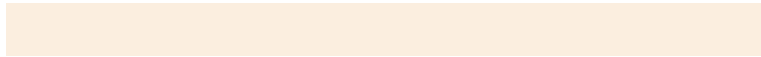
240.1770, -8.4683, 9.4918



239.2470, -8.0098, 2.4144

Triad

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



240.1770, -8.4683, 9.4918



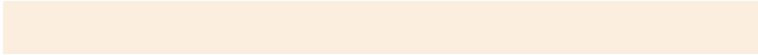
237.2260, 3.8326, -15.9842



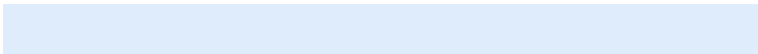
241.4120, 5.2199, 5.7777

Complementary

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



240.1770, -8.4683, 9.4918



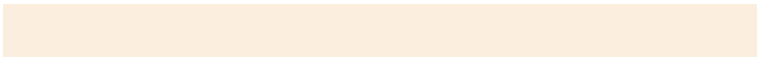
233.8230, 8.4683, -9.4918

Split Complementary

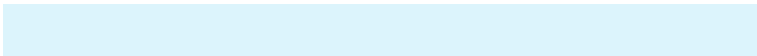
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.2260, 7.2836, -2.8292



240.1770, -8.4683, 9.4918



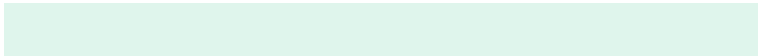
237.7360, 7.0322, -15.5545

Square

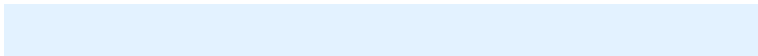
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.1770, -8.4683, 9.4918



237.3960, -0.6882, -12.6253



238.9970, 7.8895, -10.5214



241.4190, 1.2724, 11.9105

Rectangle

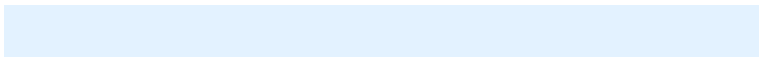
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.1770, -8.4683, 9.4918



238.6700, -6.2463, -3.2186



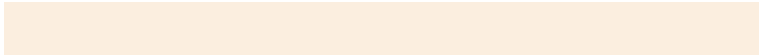
238.9970, 7.8895, -10.5214



241.3300, 6.2463, 3.2186

Sweetspot

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



240.1770, -8.4683, 9.4918



251.7400, -2.3368, 2.8590



232.8540, 1.5510, 15.9140



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



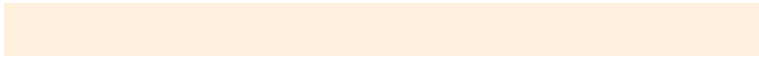
128.0000, 0.0000, 0.0000

Same Dimension

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



240.1770, -8.4683, 9.4918



242.4330, -10.0735, 11.0213



247.5090, -12.0829, 2.1846



119.9960, -3.9420, 4.3885



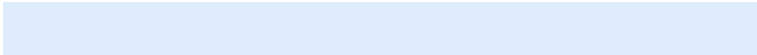
115.7980, -57.0884, 64.1982



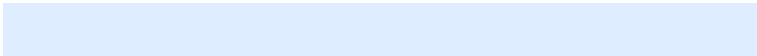
37.6100, -18.5417, 20.5130

Inverse Universe

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



233.8230, 8.4683, -9.4918



234.5670, 10.0735, -11.0213



226.4910, 12.0829, -2.1846



117.0040, 3.9420, -4.3885



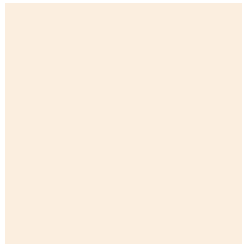
73.2020, 57.0884, -64.1982



23.3900, 18.5417, -20.5130

Previews

White Background



This preview shows how the YUV color 240.1770, -8.4683, 9.4918 looks on a white background.

Color Contrast Check

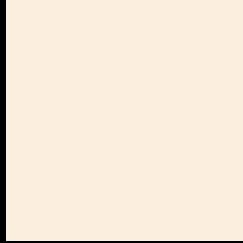
Large Text (above 18pt) WCAG AA × Fail

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 240.1770, -8.4683, 9.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

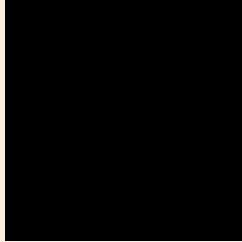
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.1770, -8.4683, 9.4918

Background



This preview shows how black text looks on a background with the YUV color 240.1770, -8.4683, 9.4918.



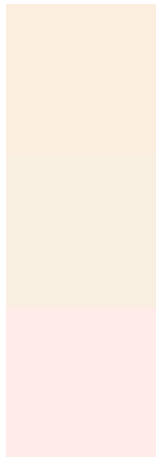
This preview shows how white text looks on a background with the YUV color 240.1770, -8.4683,

9.4918.

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

240.1770, -8.4683, 9.4918

Protanopia

239.9810, -7.8786, 7.0327

Deuteranopia

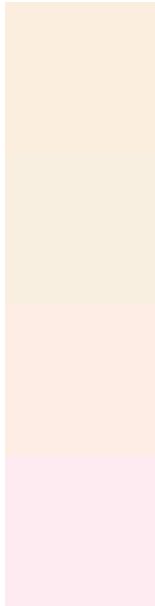
241.2250, -4.5479, 12.0807



Tritanopia

242.3310, 4.7668, 11.1107

Trichromacy



Original Color

240.1770, -8.4683, 9.4918

Protanomaly

240.2800, -8.0260, 7.6474

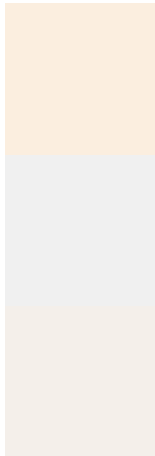
Deuteranomaly

241.1710, -6.0003, 11.2510

Tritanomaly

241.3650, -0.1799, 11.0809

Monochromacy



Original Color

240.1770, -8.4683, 9.4918

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9250, -2.9210, 3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.1770, -8.4683, 9.4918 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(251, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(251, 238, 223)  
}
```

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(251, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 238, 223) }
```

Border

The CSS property to change the border of an element to YUV 240.1770, -8.4683, 9.4918 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(251, 238, 223) }
```


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

```
.border{ border-color:rgb(251, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(251, 238,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 240.1770, -8.4683, 9.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 238, 223) }
```

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

```
.background{ background-color: rgb(251,  
238, 223) }
```

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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