

Converting Colors

YUV(244.0710, -4.4720,
-12.3403)

Have a look what the booklet for
YUV(244.0710, -4.4720, -12.3403)
contains.

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Color

**YUV(244.0710, -4.4720,
-12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FDEB
RGB	230, 253, 235
RGB Percent	90%, 99%, 92%
CMY	0.0980, 0.0078, 0.0784
CMYK	0.09, 0.00, 0.07, 0.01
HSL	133°, 85%, 95%
HSV	133°, 9%, 99%
XYZ	82.7538, 93.0717, 92.2003
YIQ	244.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

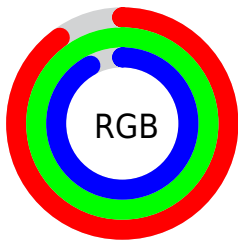
Format	Color
R _Y B	230, 249, 253
Decimal	15138283
CIE Lab	97.26, -10.73, 6.06
CIE LCh	97, 12.325, 150.570
Yxy	93.0717, 0.3088, 0.3472
Android (android.graphics.Color)	4293328363 (0xFFE6FDEB)
YUV	244.0710, -4.4720, -12.3403
Hunter-Lab	96.4737, -15.7141, 10.8679

Details

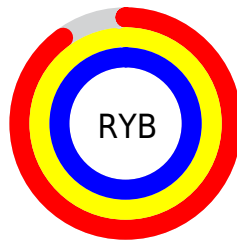
The YUV color **244.0710, -4.4720, -12.3403** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **238.9290, 4.4720, 12.3403**, and the grayscale version is **244.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **187.4840, -4.1826, -11.8255** is the 20% darker color. If you saturate the color by 10%, you get **234.3160, -9.5228, -25.7101**, and if you desaturate by 10%, it is **253.8260, 0.5788, 1.0296**.

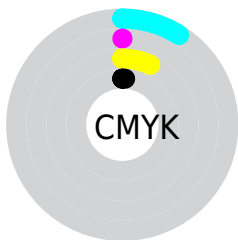
Distribution



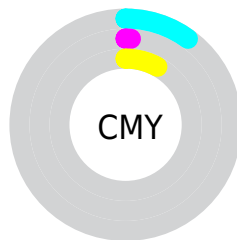
- Red (90%)
- Green (99%)
- Blue (92%)



- Red (90%)
- Yellow (98%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.0710, -4.4720, -12.3403 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 244.0710, -4.4720, -12.3403 by changing the saturation by 10% instead.

244.0710, -4.4720,
-12.3403

244.0710, -4.4720,
-12.3403

255.0000, 0.0000,
0.0000

215.4840, -4.1826,
-11.8255

187.4840, -4.1826,
-11.8255

160.8970, -3.8932,
-11.3107

134.8970, -3.8932,
-11.3107

109.3100, -3.6038,
-10.7959

84.7230, -3.3144,
-10.2811

61.7230, -3.3144,

-10.2811

■ 39.4350, -3.1725,
-9.1515

■ 18.0110, -3.4564,
-11.4106

■ 244.0710, -4.4720,
-12.3403

■ 244.0710, -4.4720,
-12.3403

■ 234.3160, -9.5228,
-25.7101

253.8260, 0.5788,
1.0296

■ 224.2620,
-14.4262, -39.6948

■ 214.6210,
-19.0402, -53.1646

■ 204.8660,
-24.0909, -66.5345

■ 195.1110,
-29.1417, -79.9043

■ 185.0570,
-34.0451, -93.8890

■ 175.3020,
-39.0959, -107.2589

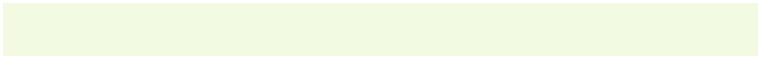
■ 165.6610,
-43.7099, -120.7287

■ 155.6070,
-48.6133, -134.7133

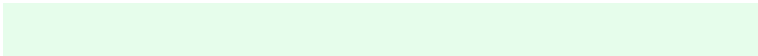
Harmonies

Analogous

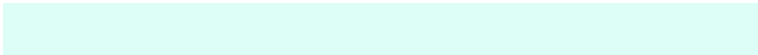
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.1710, -9.4513, -1.9040



244.0710, -4.4720, -12.3403



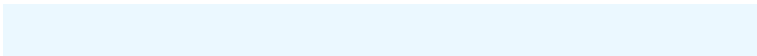
243.0360, 1.9543, -20.2026

Triad

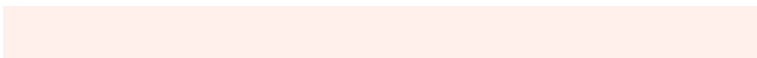
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.0710, -4.4720, -12.3403



244.9110, 4.9739, -8.6919



243.9150, -4.3951, 9.7215

Complementary

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



244.0710, -4.4720, -12.3403



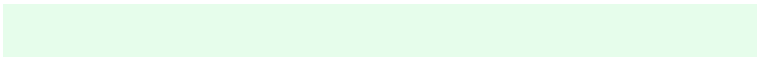
238.9290, 4.4720, 12.3403

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.



244.6960, 1.1359, 9.0366



244.0710, -4.4720, -12.3403



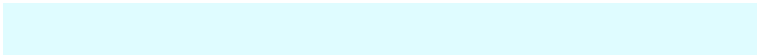
247.0480, 3.9203, 2.5889

Square

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



244.0710, -4.4720, -12.3403



243.6710, 5.5852, -18.1285



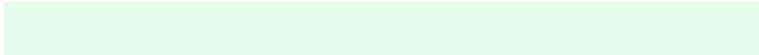
246.7820, 4.0515, 7.2072



244.1770, -8.4683, 9.4918

Rectangle

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



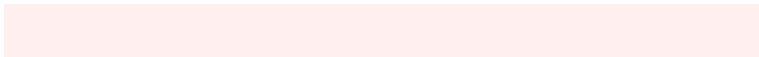
244.0710, -4.4720, -12.3403



243.3500, 5.7435, -22.2319



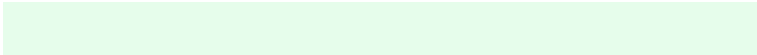
246.7820, 4.0515, 7.2072



243.7840, -2.3585, 9.8364

Sweetspot

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



244.0710, -4.4720, -12.3403



251.9240, -1.4415, -4.3183



248.8830, -9.3093, -0.7744



125.7500, -0.8628, -3.2887



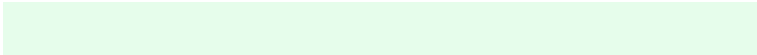
0.0000, 0.0000, 0.0000



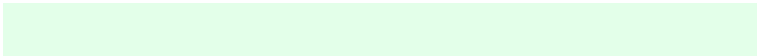
128.0000, 0.0000, 0.0000

Same Dimension

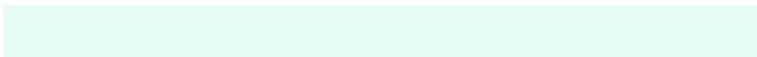
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0710, -4.4720, -12.3403



244.1200, -5.4822, -15.0142



245.3250, 0.3328, -13.4400



122.9730, -2.4517, -6.9923



116.9050, -36.9282, -102.5257



39.1640, -12.4059, -34.3468

Inverse Universe

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



238.9290, 4.4720, 12.3403



237.8800, 5.4822, 15.0142



237.6750, -0.3328, 13.4400



120.0270, 2.4517, 6.9923



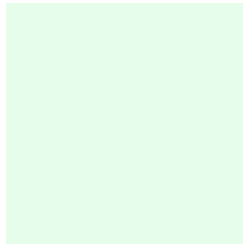
74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 244.0710, -4.4720, -12.3403 looks on a white background.

Color Contrast Check

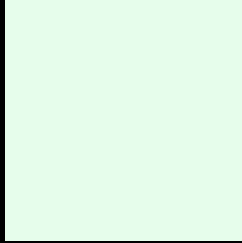
Large Text (above 18pt) WCAG AA × Fail

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 244.0710, -4.4720, -12.3403 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

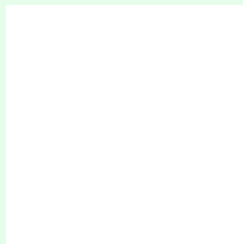
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.0710, -4.4720, -12.3403

Background



This preview shows how black text looks on a background with the YUV color 244.0710, -4.4720, -12.3403.



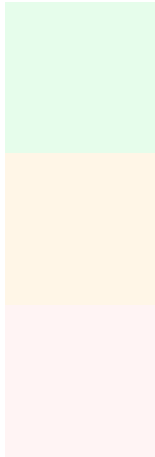
This preview shows how white text looks on a background with the YUV color 244.0710, -4.4720, -12.3403.

-12.3403.

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

244.0710, -4.4720, -12.3403

Protanopia

246.9810, -7.8786, 7.0327

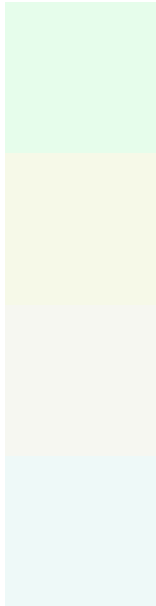
Deuteranopia

247.2890, -1.6215, 6.7625

Tritanopia

246.7160, 4.0840, -3.2589

Trichromacy



Original Color

244.0710, -4.4720, -12.3403

Protanomaly

246.1650, -6.9833, -0.1447

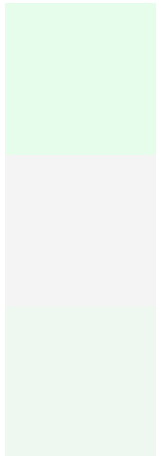
Deuteranomaly

246.0170, -2.4734, -0.0149

Tritanomaly

245.5970, 1.1847, -6.6626

Monochromacy



Original Color

244.0710, -4.4720, -12.3403

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.0710, -4.4720, -12.3403 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(230, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 253, 235)  
}
```

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(230, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 253, 235) }
```

Border

The CSS property to change the border of an element to YUV 244.0710, -4.4720, -12.3403 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(230, 253, 235) }
```


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

```
.border{ border-color:rgb(230, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 253,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 244.0710, -4.4720, -12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 253, 235) }
```

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

```
.background{ background-color: rgb(230,  
253, 235) }
```

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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