

Converting Colors

YUV(228.0510, -24.1821,
9.6023)

Have a look what the booklet for
YUV(228.0510, -24.1821, 9.6023)
contains.

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Color

**YUV(228.0510, -24.1821,
9.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE8B3
RGB	239, 232, 179
RGB Percent	94%, 91%, 70%
CMY	0.0627, 0.0902, 0.2980
CMYK	0.00, 0.03, 0.25, 0.06
HSL	53°, 65%, 82%
HSV	53°, 25%, 94%
XYZ	72.5899, 79.3186, 54.1320
YIQ	228.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

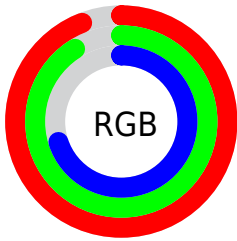
Format	Color
RYB	187, 239, 179
Decimal	15722675
CIELab	91.38, -5.80, 26.70
CIELCh	91, 27.320, 102.263
Yxy	79.3186, 0.3523, 0.3850
Android (android.graphics.Color)	4293912755 (0xFFEFE8B3)
YUV	228.0510, -24.1821, 9.6023
Hunter-Lab	89.0610, -10.3689, 26.3058

Details

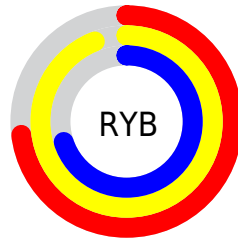
The YUV color $228.0510, -24.1821, 9.6023$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $189.9490, 24.1821, -9.6023$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $172.0940, -22.7243, 8.6876$ is the 20% darker color. If you saturate the color by 10%, you get $223.5540, -33.7971, 13.5461$, and if you desaturate by 10%, it is $232.5480, -14.5672, 5.6584$.

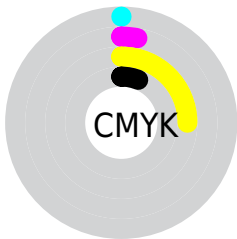
Distribution



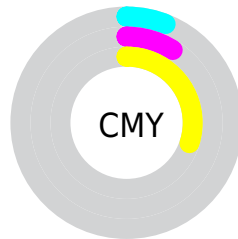
- Red (94%)
- Green (91%)
- Blue (70%)



- Red (73%)
- Yellow (94%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0510, -24.1821, 9.6023 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 228.0510, -24.1821, 9.6023 by changing the saturation by 10% instead.

■ 228.0510,
-24.1821, 9.6023

■ 228.0510,
-24.1821, 9.6023

255.0000, 0.0000,
0.0000

■ 199.8660,
-23.5979, 8.8875

■ 252.7200, -8.7360,
1.9996

■ 172.0940,
-22.7243, 8.6876

■ 145.9090,
-22.1401, 7.9728

■ 120.0230,
-21.7033, 7.8728

■ 94.9520, -20.6823,
7.0581

■ 70.7670, -20.0981,
6.3433

■ 48.0550, -20.2401,

5.2138

■ 28.3520, -13.9775,
3.1993

■ 5.2830, -2.6045,
-4.6332

■ 228.0510,
-24.1821, 9.6023

■ 228.0510,
-24.1821, 9.6023

■ 223.5540,
-33.7971, 13.5461

■ 232.5480,
-14.5672, 5.6584

■ 219.0570,
-43.4121, 17.4900

■ 237.0450, -4.9522,
1.7145

■ 215.1470,
-53.3165, 20.9191

■ 240.9550, 4.9522,
-1.7145

■ 210.6500,
-62.9314, 24.8630

■ 243.1720, 5.8312,
-3.6588

■ 206.1530,
-72.5464, 28.8068

■ 244.9330, 4.9630,
-5.2032

■ 201.7700,
-81.7246, 32.6507

■ 246.6940, 4.0949,
-6.7476

■ 197.2730,
-91.3396, 36.5946

■ 248.4550, 3.2267,
-8.2920

■ 195.3180,
-96.2918, 38.3091

■ 249.6290, 2.6479,
-9.3216

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

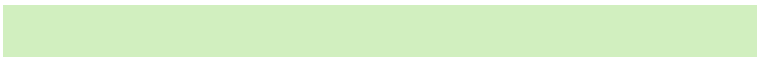
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7800, -23.0625, 23.8719



228.0510, -24.1821, 9.6023



224.5580, -16.5441, -13.6444

Triad

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



228.0510, -24.1821, 9.6023



219.2520, 17.6238, -52.8410



229.4340, 8.6600, 22.4214

Complementary

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



228.0510, -24.1821, 9.6023



189.9490, 24.1821, -9.6023

Split Complementary

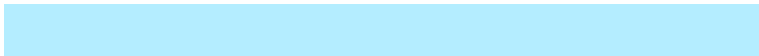
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.3620, 11.1605, 13.7145



228.0510, -24.1821, 9.6023



222.0090, 16.2646, -36.8419

Square

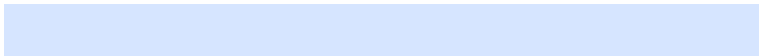
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.0510, -24.1821, 9.6023



219.0150, 10.3456, -51.7562



227.4790, 13.5679, -11.8211



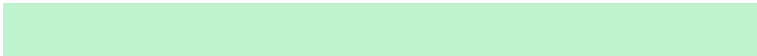
225.7690, -2.8441, 25.6356

Rectangle

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



228.0510, -24.1821, 9.6023



222.8210, -8.7858, -28.7840



227.4790, 13.5679, -11.8211



231.5200, 11.5756, 20.5920

Sweetspot

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



228.0510, -24.1821, 9.6023



251.5460, -8.1572, 3.0292



197.7380, -5.7868, 36.1868



125.3440, -5.0996, 2.3293



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.



228.0510, -24.1821, 9.6023



241.0530, -30.5921, 12.2315



225.2830, -22.8175, -8.1412



117.4580, -4.6628, 2.2293



150.1100, -74.0042, 29.7215



46.0940, -22.7243, 8.6876

Inverse Universe

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



189.9490, 24.1821, -9.6023



192.3600, 30.8815, -11.7167



192.7170, 22.8175, 8.1412



109.9550, 4.9522, -1.7145



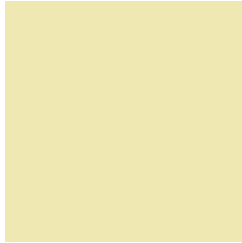
33.3030, 74.2936, -29.2067



10.4930, 22.4350, -9.2024

Previews

White Background



This preview shows how the YUV color 228.0510, -24.1821, 9.6023 looks on a white background.

Color Contrast Check

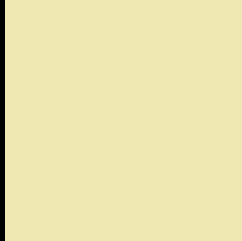
Large Text (above 18pt) WCAG AA × Fail

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 228.0510, -24.1821, 9.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

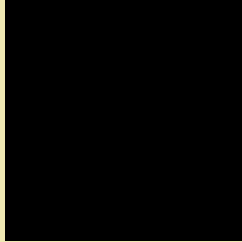
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

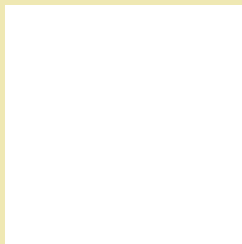
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.0510, -24.1821, 9.6023

Background



This preview shows how black text looks on a background with the YUV color 228.0510, -24.1821, 9.6023.



This preview shows how white text looks on a background with the YUV color 228.0510, -24.1821, 9.6023.

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

228.0510, -24.1821, 9.6023

Protanopia

228.8560, -25.0720, 15.0353

Deuteranopia

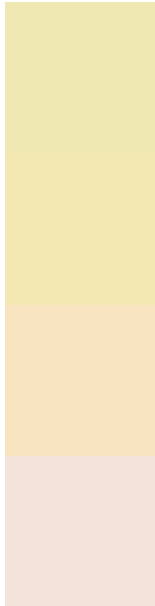
231.3480, -14.4686, 20.7428



Tritanopia

232.8150, 4.0352, 12.4402

Trichromacy



Original Color

228.0510, -24.1821, 9.6023

Protanomaly

228.5460, -24.9192, 12.6762

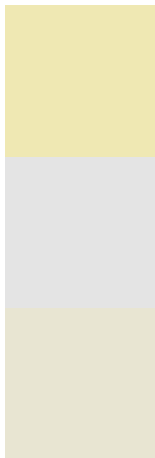
Deuteranomaly

230.4030, -17.9467, 16.3096

Tritanomaly

231.0570, -6.4371, 11.3510

Monochromacy



Original Color

228.0510, -24.1821, 9.6023

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7310, -8.7414, 3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0510, -24.1821, 9.6023 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(239, 232, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 232, 179)  
}
```

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(239, 232, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 232, 179) }
```

Border

The CSS property to change the border of an element to YUV 228.0510, -24.1821, 9.6023 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(239, 232, 179) }
```


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

```
.border{ border-color:rgb(239, 232, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 232, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 232, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 232, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 232,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 228.0510, -24.1821, 9.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 232, 179) }
```

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

```
.background{ background-color: rgb(239,  
232, 179) }
```

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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