

Converting Colors

YUV(232.2480, -29.7023,
6.7985)

Have a look what the booklet for
YUV(232.2480, -29.7023, 6.7985)
contains.

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Color

**YUV(232.2480, -29.7023,
6.7985)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0F0AC |
| RGB | 240, 240, 172 |
| RGB Percent | 94%, 94%, 67% |
| CMY | 0.0588, 0.0588, 0.3255 |
| CMYK | 0.00, 0.00, 0.28, 0.06 |
| HSL | 60°, 69%, 81% |
| HSV | 60°, 28%, 94% |
| XYZ | 74.5417, 83.8240, 51.2806 |
| YIQ | 232.2480, 21.8280, -21.1480 |

Conversions

Conversions Part 2

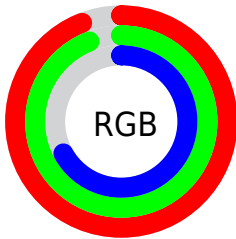
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 172, 240, 172 |
| Decimal | 15790252 |
| CIE _{Lab} | 93.37, -10.34, 32.97 |
| CIE _{LCh} | 93, 34.554, 107.420 |
| Yxy | 83.8240, 0.3556, 0.3998 |
| Android (android.graphics.Color) | 4293980332 (0xFFFF0F0AC) |
| YUV | 232.2480, -29.7023, 6.7985 |
| Hunter-Lab | 91.5554, -14.8928, 30.8802 |

Details

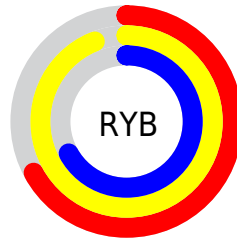
The YUV color $232.2480, -29.7023, 6.7985$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $179.7520, 29.7023, -6.7985$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $176.2910, -28.2445, 5.8838$ is the 20% darker color. If you saturate the color by 10%, you get $229.5120, -40.1854, 9.1980$, and if you desaturate by 10%, it is $234.9840, -19.2191, 4.3990$.

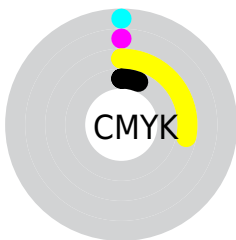
Distribution



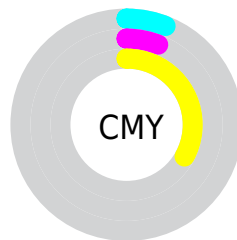
- Red (94%)
- Green (94%)
- Blue (67%)



- Red (67%)
- Yellow (94%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2480, -29.7023, 6.7985 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 232.2480, -29.7023, 6.7985 by changing the saturation by 10% instead.

■ 232.2480,
-29.7023, 6.7985

■ 232.2480,
-29.7023, 6.7985

255.0000, 0.0000,
0.0000

■ 204.0630,
-29.1181, 6.0837

■ 251.9220,
-11.7935, 2.6994

■ 176.2910,
-28.2445, 5.8838

■ 149.5190,
-27.3709, 5.6838

■ 123.3340,
-26.7867, 4.9691

■ 98.2630, -25.7657,
4.1543

■ 73.9640, -25.6183,
3.5396

■ 50.7790, -25.0340,

2.8248

■ 30.9880, -15.2771,
0.0105

■ 10.5660, -5.2090,
-9.2664

■ 232.2480,
-29.7023, 6.7985

■ 232.2480,
-29.7023, 6.7985

■ 229.5120,
-40.1854, 9.1980

■ 234.9840,
-19.2191, 4.3990

■ 226.7760,
-50.6686, 11.5974

■ 237.7200, -8.7360,
1.9996

■ 224.0400,
-61.1517, 13.9969

■ 240.4560, 1.7472,
-0.3999

■ 221.3040,
-71.6349, 16.3964

■ 241.7100, 6.5520,
-1.4997

■ 218.5680,
-82.1180, 18.7959

■ 215.8320,
-92.6012, 21.1953

■ 213.0960,
-103.0843, 23.5948

■ 212.6400,
-104.8315, 23.9947

Harmonies

Analogous

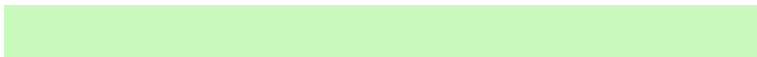
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1620, -29.1669, 21.7829



232.2480, -29.7023, 6.7985



228.2210, -18.8430, -22.9958

Triad

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



232.2480, -29.7023, 6.7985



218.2670, 18.1094, -68.6402



229.8900, 10.4072, 22.0215

Complementary

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



232.2480, -29.7023, 6.7985



179.7520, 29.7023, -6.7985

Split Complementary

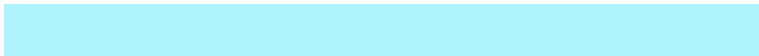
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0420, 9.8393, 17.5032



232.2480, -29.7023, 6.7985



224.0360, 15.2653, -43.0046

Square

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



232.2480, -29.7023, 6.7985



220.0170, 17.2466, -71.9289



231.6320, 11.5204, -8.4473



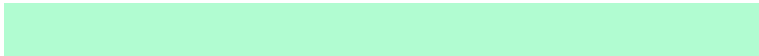
225.5410, -3.7177, 25.8355

Rectangle

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



232.2480, -29.7023, 6.7985



224.6730, -7.7268, -41.8092



231.6320, 11.5204, -8.4473



231.5200, 11.5756, 20.5920

Sweetspot

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



232.2480, -29.7023, 6.7985



252.3780, -10.0464, 2.2995



192.3320, -10.0237, 41.8048



126.2900, -6.5520, 1.4997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

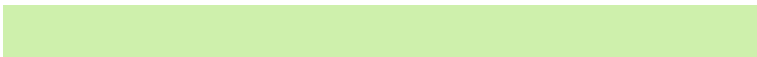
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2480, -29.7023, 6.7985



245.0820, -38.0014, 8.6981



222.0820, -24.6904, -14.1039



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



179.7520, 29.7023, -6.7985



177.9180, 38.0014, -8.6981



189.9180, 24.6904, 14.1039



109.3680, 5.2416, -1.1997



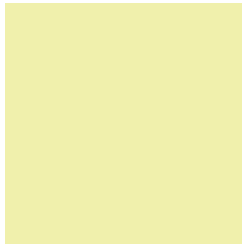
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 232.2480, -29.7023, 6.7985 looks on a white background.

Color Contrast Check

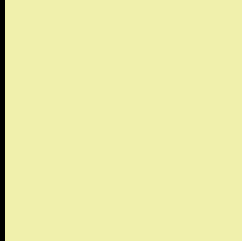
Large Text (above 18pt) WCAG AA × Fail

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 232.2480, -29.7023, 6.7985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

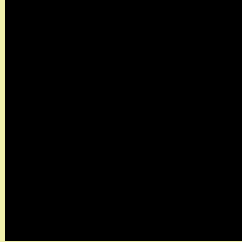
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.2480, -29.7023, 6.7985

Background



This preview shows how black text looks on a background with the YUV color 232.2480, -29.7023, 6.7985.



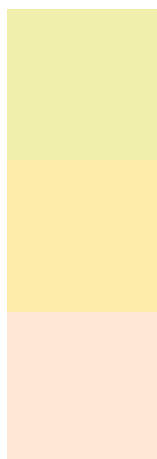
This preview shows how white text looks on a background with the YUV color 232.2480, -29.7023,

6.7985.

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

232.2480, -29.7023, 6.7985

Protanopia

233.8580, -31.4820, 17.6645

Deuteranopia

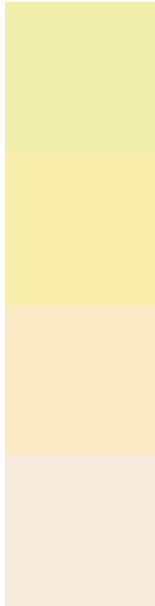
236.7110, -11.6895, 16.0395



Tritanopia

238.0320, 4.9142, 10.4959

Trichromacy



Original Color

232.2480, -29.7023, 6.7985

Protanomaly

233.0640, -30.5976, 13.9759

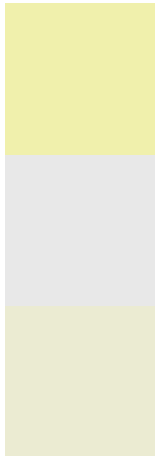
Deuteranomaly

235.2670, -18.3726, 12.9208

Tritanomaly

235.9920, -7.8841, 8.7770

Monochromacy



Original Color

232.2480, -29.7023, 6.7985

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.1500, -10.9199, 2.4995

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2480, -29.7023, 6.7985 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(240, 240, 172)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 172)  
}
```

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(240, 240, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 172) }
```

Border

The CSS property to change the border of an element to YUV 232.2480, -29.7023, 6.7985 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(240, 240, 172) }
```


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

```
.border{ border-color:rgb(240, 240, 172) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 172);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 232.2480, -29.7023, 6.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 172) }
```

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

```
.background{ background-color: rgb(240,  
240, 172) }
```

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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