

Converting Colors

YUV(232.3720, -7.5784, 4.0588)

Have a look what the booklet for
YUV(232.3720, -7.5784, 4.0588)
contains.

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Color

**YUV(232.3720, -7.5784,
4.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE9D9
RGB	237, 233, 217
RGB Percent	93%, 91%, 85%
CMY	0.0706, 0.0863, 0.1490
CMYK	0.00, 0.02, 0.08, 0.07
HSL	48°, 36%, 89%
HSV	48°, 8%, 93%
XYZ	76.5884, 81.2921, 77.2999
YIQ	232.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

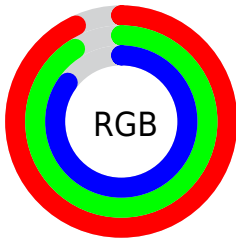
Format	Color
R _Y B	222, 237, 217
Decimal	15591897
CIE Lab	92.26, -1.37, 8.24
CIE LCh	92, 8.353, 99.423
Yxy	81.2921, 0.3257, 0.3457
Android (android.graphics.Color)	4293781977 (0xFFE9D9)
YUV	232.3720, -7.5784, 4.0588
Hunter-Lab	90.1621, -6.1567, 12.2816

Details

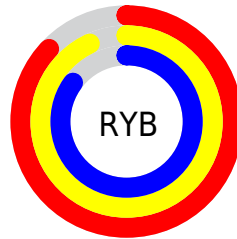
The YUV color $232.3720, -7.5784, 4.0588$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $221.6280, 7.5784, -4.0588$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.4860, -7.1416, 3.9588$ is the 20% darker color. If you saturate the color by 10%, you get $226.7010, -16.6146, 9.0322$, and if you desaturate by 10%, it is $238.0430, 1.4578, -0.9147$.

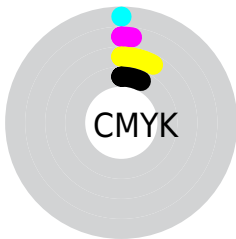
Distribution



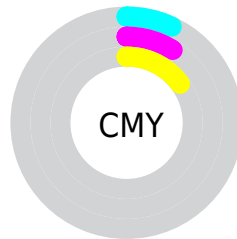
- Red (93%)
- Green (91%)
- Blue (85%)



- Red (87%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.3720, -7.5784, 4.0588 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 232.3720, -7.5784, 4.0588 by changing the saturation by 10% instead.

■ 232.3720, -7.5784,
4.0588

■ 232.3720, -7.5784,
4.0588

255.0000, 0.0000,
0.0000

■ 204.3720, -7.5784,
4.0588

■ 176.4860, -7.1416,
3.9588

■ 150.1870, -6.9942,
3.3440

■ 124.3010, -6.5574,
3.2440

■ 99.3010, -6.5574,
3.2440

■ 75.4150, -6.1206,
3.1440

■ 52.5290, -5.6838,

3.0441

■ 31.3440, -5.0996,
2.3293

■ 7.9740, -3.9312,
0.8998

■ 232.3720, -7.5784,
4.0588

■ 232.3720, -7.5784,
4.0588

■ 226.7010,
-16.6146, 9.0322

■ 238.0430, 1.4578,
-0.9147

■ 221.7310,
-25.5034, 13.3909

■ 241.9870, 6.4154,
-4.3736

■ 216.0600,
-34.5396, 18.3644

■ 244.9220, 4.9685,
-6.9476

■ 210.3890,
-43.5758, 23.3378

■ 247.8570, 3.5215,
-9.5216

■ 204.7180,
-52.6120, 28.3113

■ 249.6180, 2.6533,
-11.0660

■ 199.7480,
-61.5008, 32.6700

■ 194.0770,
-70.5370, 37.6435

■ 188.4060,
-79.5732, 42.6169

■ 182.8490,
-88.1726, 47.4904

Harmonies

Analogous

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



233.1170, -7.4527, 10.4214



232.3720, -7.5784, 4.0588



231.1970, -5.5201, -2.8038

Triad

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



232.3720, -7.5784, 4.0588



230.8070, 6.0111, -14.7397



234.6360, 2.1515, 9.9662

Complementary

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



232.3720, -7.5784, 4.0588



221.6280, 7.5784, -4.0588

Split Complementary

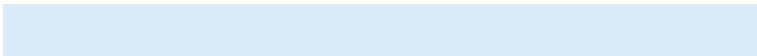
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.1020, 5.3727, 3.4185



232.3720, -7.5784, 4.0588



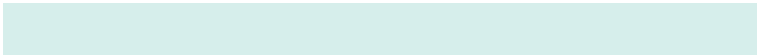
231.6980, 8.0369, -11.1361

Square

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



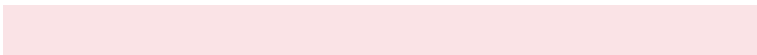
232.3720, -7.5784, 4.0588



230.4820, 2.2274, -14.4547



233.2150, 7.2890, -4.5736



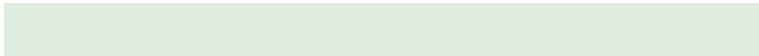
234.2190, -2.0800, 13.8399

Rectangle

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



232.3720, -7.5784, 4.0588



231.0330, -3.4673, -7.9219



233.2150, 7.2890, -4.5736



234.5540, 3.1779, 7.4071

Sweetspot

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



232.3720, -7.5784, 4.0588



252.9140, -2.9156, 1.8294



223.4360, -1.2009, 11.8956



126.1420, -2.0420, 1.6295



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.



232.3720, -7.5784, 4.0588



249.2150, -9.4730, 5.0734



232.9260, -7.8515, -1.6891



114.5720, -4.2260, 2.1294



139.2340, -68.6424, 36.6288



41.3870, -20.4038, 11.0616

Inverse Universe

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



221.6280, 7.5784, -4.0588



235.7850, 9.4730, -5.0734



221.0740, 7.8515, 1.6891



108.4280, 4.2260, -2.1294



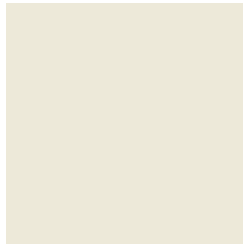
41.7660, 68.6424, -36.6288



12.6130, 20.4038, -11.0616

Previews

White Background



This preview shows how the YUV color 232.3720, -7.5784, 4.0588 looks on a white background.

Color Contrast Check

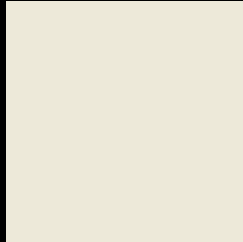
Large Text (above 18pt) WCAG AA × Fail

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 232.3720, -7.5784, 4.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

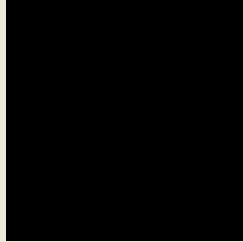
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.3720, -7.5784, 4.0588

Background



This preview shows how black text looks on a background with the YUV color 232.3720, -7.5784, 4.0588.



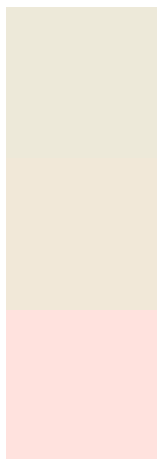
This preview shows how white text looks on a background with the YUV color 232.3720, -7.5784,

4.0588.

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

232.3720, -7.5784, 4.0588

Protanopia

232.8670, -8.3154, 7.1326

Deuteranopia

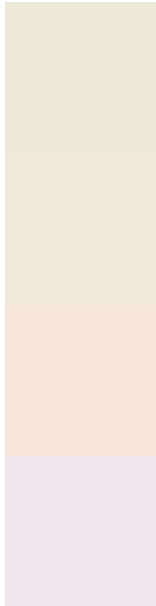
234.2150, -6.0220, 18.2284



Tritanopia

234.6400, 6.0935, 5.5777

Trichromacy



Original Color

232.3720, -7.5784, 4.0588

Protanomaly

232.5680, -8.1680, 6.5179

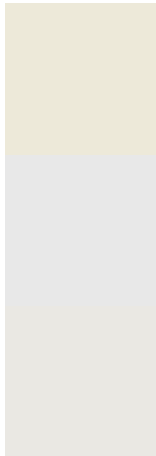
Deuteranomaly

233.6550, -6.7319, 12.5806

Tritanomaly

233.6740, 1.1467, 5.5479

Monochromacy



Original Color

232.3720, -7.5784, 4.0588

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.3720, -7.5784, 4.0588 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(237, 233, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 233, 217)  
}
```

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(237, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 233, 217) }
```

Border

The CSS property to change the border of an element to YUV 232.3720, -7.5784, 4.0588 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(237, 233, 217) }
```


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

```
.border{ border-color:rgb(237, 233, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 233, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 233,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 232.3720, -7.5784, 4.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 233, 217) }
```

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

```
.background{ background-color: rgb(237,  
233, 217) }
```

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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