

Converting Colors

YUV(232.9640, -5.4053, 7.0476)

Have a look what the booklet for
YUV(232.9640, -5.4053, 7.0476)
contains.

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Color

**YUV(232.9640, -5.4053,
7.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E7DE
RGB	241, 231, 222
RGB Percent	95%, 91%, 87%
CMY	0.0549, 0.0941, 0.1294
CMYK	0.00, 0.04, 0.08, 0.05
HSL	28°, 40%, 91%
HSV	28°, 8%, 95%
XYZ	78.0364, 81.1265, 80.6533
YIQ	232.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

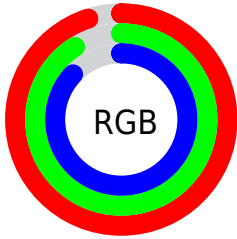
Format	Color
R _Y B	241, 239, 222
Decimal	15853534
CIE Lab	92.19, 1.86, 5.57
CIE LCh	92, 5.874, 71.504
Yxy	81.1265, 0.3254, 0.3383
Android (android.graphics.Color)	4294043614 (0xFFFF1E7DE)
YUV	232.9640, -5.4053, 7.0476
Hunter-Lab	90.0703, -2.9716, 9.9581

Details

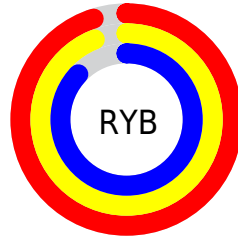
The YUV color $232.9640, -5.4053, 7.0476$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.0360, 5.4053, -7.0476$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.0780, -4.9685, 6.9476$ is the 20% darker color. If you saturate the color by 10%, you get $222.5970, -12.1263, 16.1394$, and if you desaturate by 10%, it is $243.3310, 1.3158, -2.0443$.

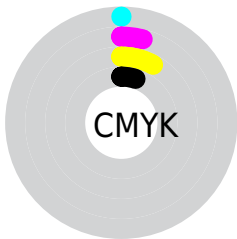
Distribution



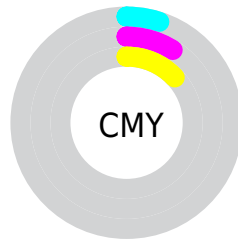
- Red (95%)
- Green (91%)
- Blue (87%)



- Red (95%)
- Yellow (94%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9640, -5.4053, 7.0476 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 232.9640, -5.4053, 7.0476 by changing the saturation by 10% instead.

 232.9640, -5.4053,
7.0476

 232.9640, -5.4053,
7.0476


255.0000, 0.0000,
0.0000


 204.9640, -5.4053,
7.0476

 177.0780, -4.9685,
6.9476

 150.7790, -4.8210,
6.3328

 124.7790, -4.8210,
6.3328

 99.8930, -4.3842,
6.2328

 75.5940, -4.2368,
5.6181

 53.2950, -4.0894,

5.0033

■ 31.9960, -3.9420,
4.3885

■ 8.3060, -4.0949,
6.7476

■ 232.9640, -5.4053,
7.0476

■ 232.9640, -5.4053,
7.0476

■ 222.5970,
-12.1263, 16.1394

■ 243.3310, 1.3158,
-2.0443

■ 212.8170,
-19.1368, 24.7165

■ 250.8140, 2.0637,
-8.6069

■ 202.4500,
-25.8578, 33.8084

■ 192.0830,
-32.5789, 42.9002

■ 182.3030,
-39.5894, 51.4773

■ 171.8220,
-46.7472, 60.6691

■ 161.4550,
-53.4683, 69.7610

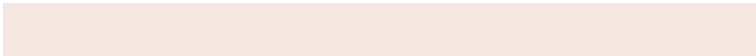
■ 151.6750,
-60.4788, 78.3380

■ 141.3080,
-67.1998, 87.4299

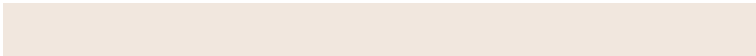
Harmonies

Analogous

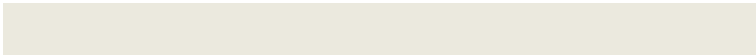
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.9150, -4.3951, 9.7215



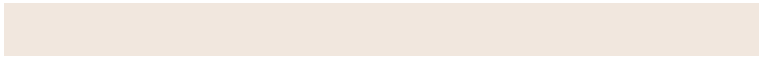
232.9640, -5.4053, 7.0476



232.3440, -5.0996, 2.3293

Triad

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



232.9640, -5.4053, 7.0476



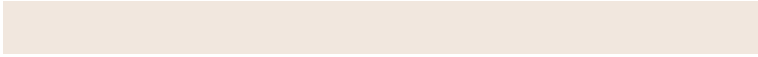
230.8030, 2.0691, -10.3512



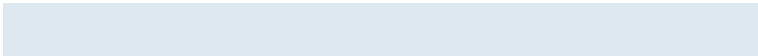
233.0480, 3.9203, 2.5889

Complementary

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



232.9640, -5.4053, 7.0476



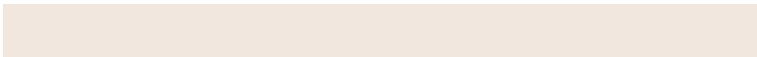
230.0360, 5.4053, -7.0476

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.



232.7700, 5.5364, -2.4293



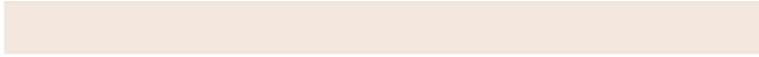
232.9640, -5.4053, 7.0476



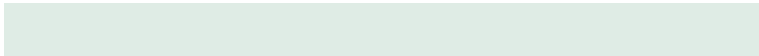
231.0850, 4.3951, -9.7215

Square

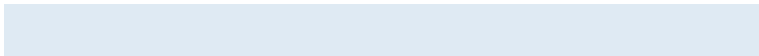
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.9640, -5.4053, 7.0476



231.3150, -1.1413, -7.2923



231.7370, 5.5527, -7.6623



233.6850, 1.1413, 7.2923

Rectangle

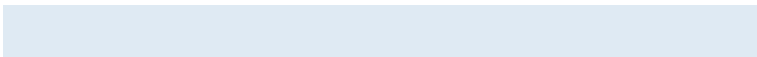
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.9640, -5.4053, 7.0476



231.8490, -4.3626, -0.7446



231.7370, 5.5527, -7.6623



233.1510, 4.3626, 0.7446

Sweetspot

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



232.9640, -5.4053, 7.0476



252.6690, -1.3158, 2.0443



228.8210, 1.5672, 10.6810



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



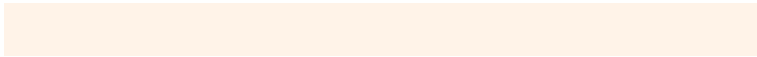
128.0000, 0.0000, 0.0000

Same Dimension

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



232.9640, -5.4053, 7.0476



245.3340, -6.5737, 8.4771



238.2470, -8.0098, 2.4144



115.1100, -3.5052, 4.2885



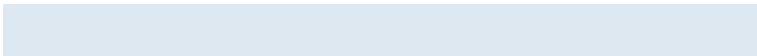
106.0850, -52.2999, 68.3315



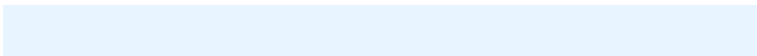
32.5930, -16.0683, 20.5279

Inverse Universe

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



230.0360, 5.4053, -7.0476



241.6660, 6.5737, -8.4771



224.7530, 8.0098, -2.4144



112.8900, 3.5052, -4.2885



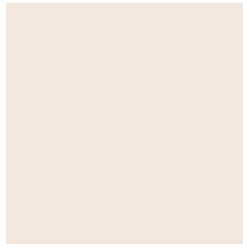
77.9150, 52.2999, -68.3315



23.9940, 15.7790, -21.0427

Previews

White Background



This preview shows how the YUV color 232.9640, -5.4053, 7.0476 looks on a white background.

Color Contrast Check

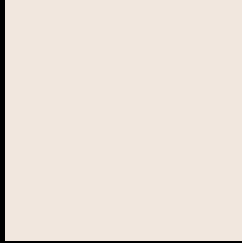
Large Text (above 18pt) WCAG AA × Fail

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 232.9640, -5.4053, 7.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

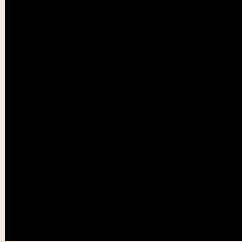
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

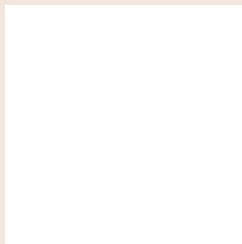
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.9640, -5.4053, 7.0476

Background



This preview shows how black text looks on a background with the YUV color 232.9640, -5.4053, 7.0476.



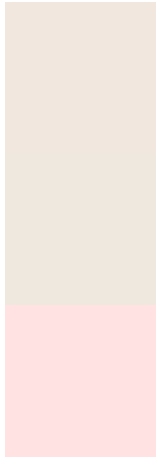
This preview shows how white text looks on a background with the YUV color 232.9640, -5.4053,

7.0476.

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

232.9640, -5.4053, 7.0476

Protanopia

232.9530, -5.3998, 5.3032

Deuteranopia

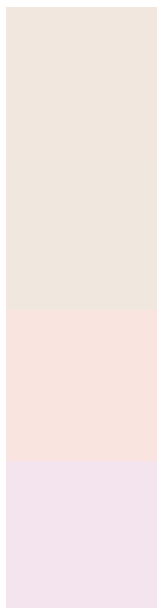
234.5570, -4.7116, 17.9285



Tritanopia

234.1350, 5.3564, 8.6516

Trichromacy



Original Color

232.9640, -5.4053, 7.0476

Protanomaly

233.2520, -5.5472, 5.9180

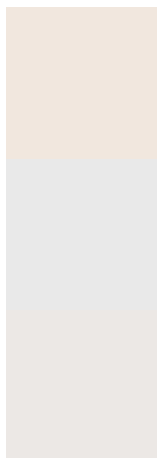
Deuteranomaly

234.1220, -4.9901, 13.9250

Tritanomaly

233.5110, 1.7201, 8.3219

Monochromacy



Original Color

232.9640, -5.4053, 7.0476

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9640, -5.4053, 7.0476 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(241, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 222)  
}
```

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(241, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 222) }
```

Border

The CSS property to change the border of an element to YUV 232.9640, -5.4053, 7.0476 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(241, 231, 222) }
```


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

```
.border{ border-color:rgb(241, 231, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 232.9640, -5.4053, 7.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 222) }
```

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

```
.background{ background-color: rgb(241,  
231, 222) }
```

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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