

Converting Colors

YUV(227.0350, -6.4263, 7.8623)

Have a look what the booklet for
YUV(227.0350, -6.4263, 7.8623)
contains.

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Color

**YUV(227.0350, -6.4263,
7.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE1D6
RGB	236, 225, 214
RGB Percent	93%, 88%, 84%
CMY	0.0745, 0.1176, 0.1608
CMYK	0.00, 0.05, 0.09, 0.07
HSL	30°, 37%, 88%
HSV	30°, 9%, 93%
XYZ	73.6549, 76.5383, 74.5097
YIQ	227.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

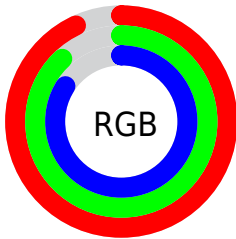
Format	Color
R _{YB}	236, 236, 214
Decimal	15524310
CIE Lab	90.11, 1.89, 6.70
CIE LCh	90, 6.965, 74.220
Yxy	76.5383, 0.3278, 0.3406
Android (android.graphics.Color)	4293714390 (0xFFECE1D6)
YUV	227.0350, -6.4263, 7.8623
Hunter-Lab	87.4862, -2.8211, 10.7446

Details

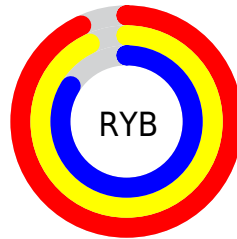
The YUV color $227.0350, -6.4263, 7.8623$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.9650, 6.4263, -7.8623$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.7360, -6.2788, 7.2475$ is the 20% darker color. If you saturate the color by 10%, you get $217.2550, -13.4367, 16.4394$, and if you desaturate by 10%, it is $236.8150, 0.5842, -0.7148$.

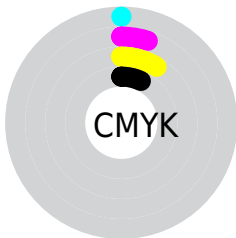
Distribution



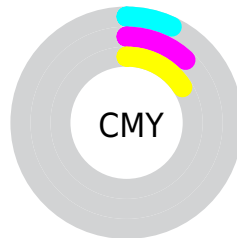
- Red (93%)
- Green (88%)
- Blue (84%)



- Red (93%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.0350, -6.4263, 7.8623 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 227.0350, -6.4263, 7.8623 by changing the saturation by 10% instead.

■ 227.0350, -6.4263,
7.8623

■ 227.0350, -6.4263,
7.8623

255.0000, 0.0000,
0.0000

■ 199.0350, -6.4263,
7.8623

■ 171.7360, -6.2788,
7.2475

■ 144.8500, -5.8420,
7.1476

■ 119.5510, -5.6946,
6.5328

■ 94.6650, -5.2578,
6.4328

■ 71.3660, -5.1104,
5.8180

■ 48.4800, -4.6736,

5.7180

■ 28.0670, -4.9630,
5.2032

■ 1.7940, -0.8844,
3.6887

■ 227.0350, -6.4263,
7.8623

■ 227.0350, -6.4263,
7.8623

■ 217.2550,
-13.4367, 16.4394

■ 236.8150, 0.5842,
-0.7148

■ 207.5890,
-20.0104, 24.9164

■ 245.7970, 4.5371,
-8.5920

■ 198.3960,
-27.3102, 32.9787

■ 249.3190, 2.8007,
-11.6808

■ 188.7300,
-33.8839, 41.4558

■ 178.9500,
-40.8943, 50.0329

■ 169.1700,
-47.9048, 58.6099

■ 159.5040,
-54.4785, 67.0870

■ 150.3110,
-61.7783, 75.1493

■ 140.6450,
-68.3520, 83.6263

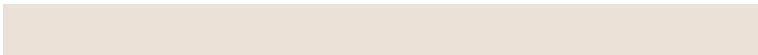
Harmonies

Analogous

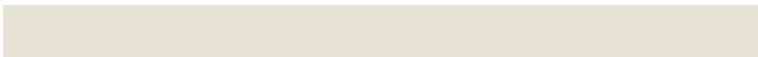
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.8120, -4.8373, 11.5659



227.0350, -6.4263, 7.8623



226.1160, -5.9732, 2.5293

Triad

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



227.0350, -6.4263, 7.8623



224.9060, 2.5113, -12.1956



227.7600, 4.0623, 3.7185

Complementary

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



227.0350, -6.4263, 7.8623



222.9650, 6.4263, -7.8623

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.



226.8840, 5.9732, -2.5293



227.0350, -6.4263, 7.8623



225.3020, 5.2741, -11.6659

Square

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



227.0350, -6.4263, 7.8623



224.7170, -0.8465, -8.5218



225.6660, 6.5737, -8.4771



228.2830, 0.8465, 8.5218

Rectangle

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



227.0350, -6.4263, 7.8623



226.0230, -4.9413, -1.7742



225.6660, 6.5737, -8.4771



227.6780, 5.0887, 1.1594

Sweetspot

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



227.0350, -6.4263, 7.8623



251.7400, -2.3368, 2.8590



221.8320, 1.5618, 12.4253



125.5550, -1.7526, 2.1443



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.



227.0350, -6.4263, 7.8623



243.5900, -8.1789, 10.0066



233.4920, -9.6096, 2.1995



112.2240, -3.0684, 4.1886



107.5360, -53.0152, 64.4279



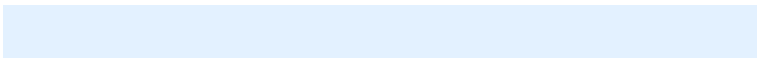
31.9950, -15.7735, 19.2984

Inverse Universe

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



222.9650, 6.4263, -7.8623



238.4100, 8.1789, -10.0066



216.5080, 9.6096, -2.1995



110.1890, 3.3578, -3.6738



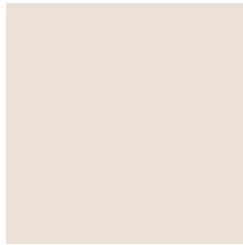
74.0510, 52.7259, -64.9427



22.0050, 15.7735, -19.2984

Previews

White Background



This preview shows how the YUV color 227.0350, -6.4263, 7.8623 looks on a white background.

Color Contrast Check

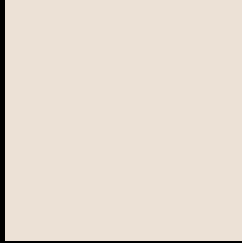
Large Text (above 18pt) WCAG AA × Fail

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 227.0350, -6.4263, 7.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

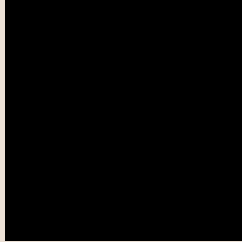
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.0350, -6.4263, 7.8623

Background



This preview shows how black text looks on a background with the YUV color 227.0350, -6.4263, 7.8623.



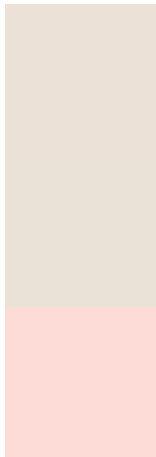
This preview shows how white text looks on a background with the YUV color 227.0350, -6.4263,

7.8623.

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

227.0350, -6.4263, 7.8623

Protanopia

227.0240, -6.4208, 6.1180

Deuteranopia

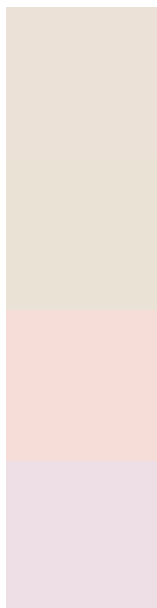
228.7100, -6.7590, 21.3023



Tritanopia

228.4340, 5.2090, 9.2664

Trichromacy



Original Color

227.0350, -6.4263, 7.8623

Protanomaly

227.3230, -6.5682, 6.7327

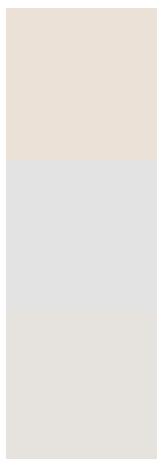
Deuteranomaly

228.0900, -6.4534, 16.5841

Tritanomaly

227.6960, 1.1359, 9.0366

Monochromacy



Original Color

227.0350, -6.4263, 7.8623

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.7400, -2.3368, 2.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0350, -6.4263, 7.8623 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(236, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 214)  
}
```

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(236, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 214) }
```

Border

The CSS property to change the border of an element to YUV 227.0350, -6.4263, 7.8623 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(236, 225, 214) }
```


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

```
.border{ border-color:rgb(236, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(236, 225,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 227.0350, -6.4263, 7.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 214) }
```

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

```
.background{ background-color: rgb(236,  
225, 214) }
```

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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