

Converting Colors

YUV(228.5560, -3.2321,
10.0364)

Have a look what the booklet for
YUV(228.5560, -3.2321, 10.0364)
contains.

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Color

**YUV(228.5560, -3.2321,
10.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0DE
RGB	240, 224, 222
RGB Percent	94%, 88%, 87%
CMY	0.0588, 0.1216, 0.1294
CMYK	0.00, 0.07, 0.07, 0.06
HSL	7°, 37%, 91%
HSV	7°, 7%, 94%
XYZ	75.7757, 77.1105, 79.9973
YIQ	228.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

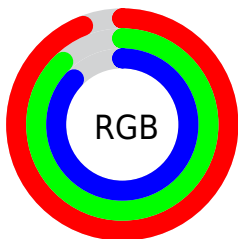
Format	Color
R_{YB}	240, 224, 222
Decimal	15786206
CIE Lab	90.37, 5.12, 2.93
CIE LCh	90, 5.903, 29.783
Yxy	77.1105, 0.3254, 0.3311
Android (android.graphics.Color)	4293976286 (0xFFFF0E0DE)
YUV	228.5560, -3.2321, 10.0364
Hunter-Lab	87.8126, 0.3600, 7.4556

Details

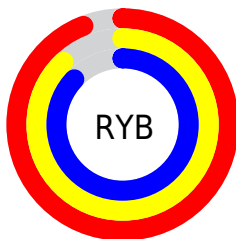
The YUV color $228.5560, -3.2321, 10.0364$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $233.4440, 3.2321, -10.0364$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.2570, -3.0847, 9.4216$ is the 20% darker color. If you saturate the color by 10%, you get $213.4930, -7.6380, 23.2466$, and if you desaturate by 10%, it is $243.6190, 1.1738, -3.1739$.

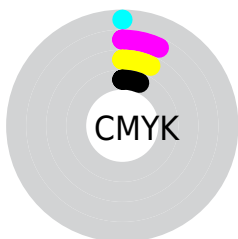
Distribution



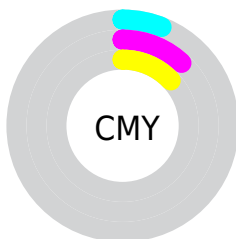
- Red (94%)
- Green (88%)
- Blue (87%)



- Red (94%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5560, -3.2321, 10.0364 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 228.5560, -3.2321, 10.0364 by changing the saturation by 10% instead.


 228.5560, -3.2321,
10.0364


 228.5560, -3.2321,
10.0364


255.0000, 0.0000,
0.0000


 200.5560, -3.2321,
10.0364

 173.2570, -3.0847,
9.4216

 146.3710, -2.6479,
9.3216

 120.9580, -2.9373,
8.8068

 96.0720, -2.5005,
8.7069

 72.3600, -2.6425,
7.5773

 49.4740, -2.2057,

7.4773

■ 28.7620, -2.3477,
6.3477

■ 4.4850, -2.2111,
9.2217

■ 228.5560, -3.2321,
10.0364

■ 228.5560, -3.2321,
10.0364

■ 213.4930, -7.6380,
23.2466

■ 243.6190, 1.1738,
-3.1739

■ 197.8430,
-11.7546, 36.9717

■ 250.5150, 2.2111,
-9.2217

■ 182.7800,
-16.1605, 50.1819

■ 167.7170,
-20.5665, 63.3922

■ 152.0670,
-24.6830, 77.1172

■ 137.0040,
-29.0890, 90.3275

■ 121.9410,
-33.4949, 103.5377

■ 106.2910,
-37.6115, 117.2628

■ 91.2280, -42.0174,
130.4730

Harmonies

Analogous

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



228.9410, -0.4639, 8.8217



228.5560, -3.2321, 10.0364



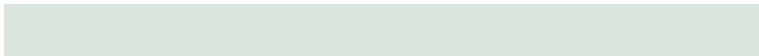
228.0890, -4.9739, 8.6919

Triad

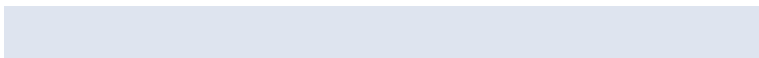
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5560, -3.2321, 10.0364



226.0980, -2.0203, -5.3479



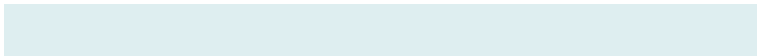
227.4600, 5.6892, -4.7884

Complementary

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



228.5560, -3.2321, 10.0364



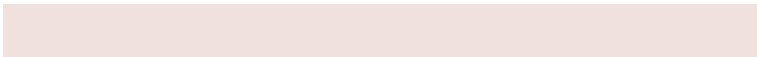
233.4440, 3.2321, -10.0364

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.



226.6120, 5.1213, -9.3067



228.5560, -3.2321, 10.0364



225.7600, 0.6113, -9.4365

Square

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



228.5560, -3.2321, 10.0364



226.8490, -4.3626, -0.7446



226.1450, 3.3795, -10.6512



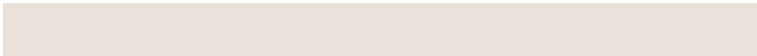
228.1510, 4.3626, 0.7446

Rectangle

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



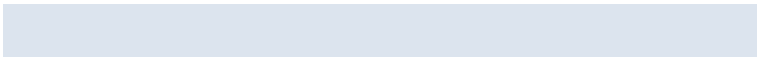
228.5560, -3.2321, 10.0364



227.2520, -5.5472, 5.9180



226.1450, 3.3795, -10.6512



226.7480, 5.5472, -5.9180

Sweetspot

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



228.5560, -3.2321, 10.0364



251.4950, -0.7370, 3.0739



229.2060, 4.3354, 9.4663



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



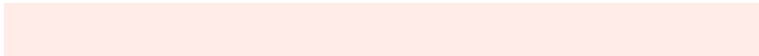
128.0000, 0.0000, 0.0000

Same Dimension

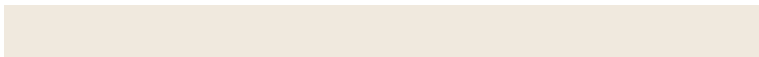
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5560, -3.2321, 10.0364



240.6380, -4.2585, 12.5955



233.8390, -5.8366, 5.4032



112.1750, -2.0583, 6.8625



66.7560, -32.9107, 102.8230



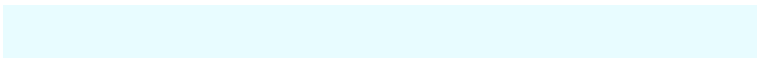
20.2660, -9.9911, 31.3387

Inverse Universe

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



233.4440, 3.2321, -10.0364



246.3620, 4.2585, -12.5955



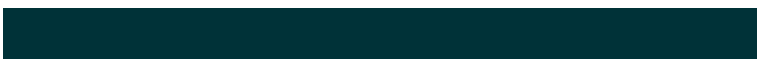
228.1610, 5.8366, -5.4032



115.8250, 2.0583, -6.8625



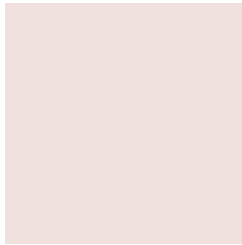
116.6570, 33.2001, -102.3082



35.7340, 9.9911, -31.3387

Previews

White Background



This preview shows how the YUV color 228.5560, -3.2321, 10.0364 looks on a white background.

Color Contrast Check

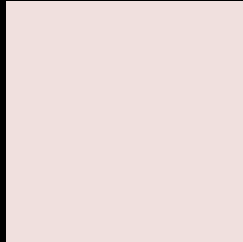
Large Text (above 18pt) WCAG AA × Fail

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 228.5560, -3.2321, 10.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

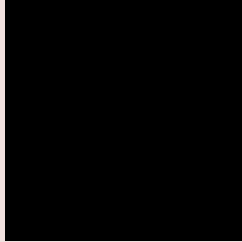
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

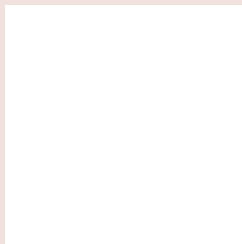
Any Text WCAG AAA ✓ Pass

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

YUV 228.5560, -3.2321, 10.0364 Background



This preview shows how black text looks on a background with the YUV color 228.5560, -3.2321, 10.0364.

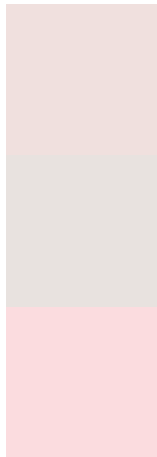


This preview shows how white text looks on a background with the YUV color 228.5560, -3.2321,

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

228.5560, -3.2321, 10.0364

Protanopia

227.4520, -2.1948, 3.9886

Deuteranopia

229.6110, -3.2592, 18.7582



Tritanopia

229.3310, 4.7668, 11.1107

Trichromacy



Original Color

228.5560, -3.2321, 10.0364

Protanomaly

227.7620, -2.3477, 6.3477

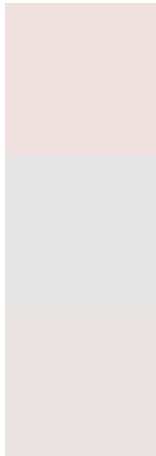
Deuteranomaly

229.0020, -2.9590, 15.7842

Tritanomaly

228.9350, 2.0040, 10.5810

Monochromacy



Original Color

228.5560, -3.2321, 10.0364

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.6800, -1.3212, 3.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5560, -3.2321, 10.0364 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, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 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(240, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 222) }
```

Border

The CSS property to change the border of an element to YUV 228.5560, -3.2321, 10.0364 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, 224, 222) }
```


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

```
.border{ border-color:rgb(240, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 228.5560, -3.2321, 10.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 222) }
```

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

```
.background{ background-color: rgb(240,  
224, 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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