

Converting Colors

YUV(227.6580, -1.3104, 0.2999)

Have a look what the booklet for
YUV(227.6580, -1.3104, 0.2999)
contains.

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Color

**YUV(227.6580, -1.3104,
0.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4E1
RGB	228, 228, 225
RGB Percent	89%, 89%, 88%
CMY	0.1059, 0.1059, 0.1176
CMYK	0.00, 0.00, 0.01, 0.11
HSL	60°, 5%, 89%
HSV	60°, 1%, 89%
XYZ	73.3289, 77.4170, 82.3123
YIQ	227.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

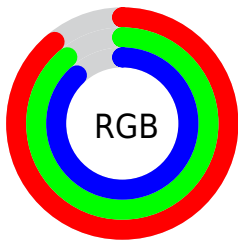
Format	Color
R_{YB}	225, 228, 225
Decimal	15000801
CIE _{Lab}	90.51, -0.53, 1.45
CIE _{LCh}	91, 1.544, 110.006
Yxy	77.4170, 0.3146, 0.3322
Android (android.graphics.Color)	4293190881 (0xFFE4E4E1)
YUV	227.6580, -1.3104, 0.2999
Hunter-Lab	87.9869, -5.2140, 6.1247

Details

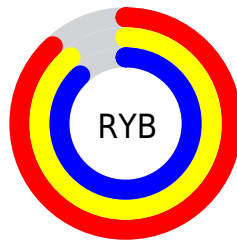
The YUV color $227.6580, -1.3104, 0.2999$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $225.3420, 1.3104, -0.2999$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.6580, -1.3104, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $225.0360, -11.3567, 2.5994$, and if you desaturate by 10%, it is $230.2800, 8.7360, -1.9996$.

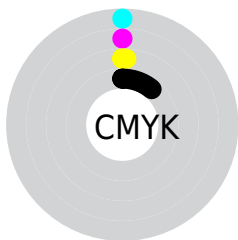
Distribution



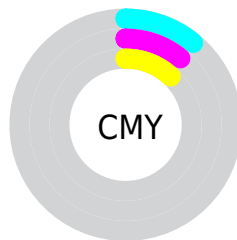
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (88%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.6580, -1.3104, 0.2999 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 227.6580, -1.3104, 0.2999 by changing the saturation by 10% instead.

■ 227.6580, -1.3104,
0.2999

■ 227.6580, -1.3104,
0.2999

255.0000, 0.0000,
0.0000

■ 199.6580, -1.3104,
0.2999

■ 172.6580, -1.3104,
0.2999

■ 145.6580, -1.3104,
0.2999

■ 119.7720, -0.8736,
0.2000

■ 95.6580, -1.3104,
0.2999

■ 71.7720, -0.8736,
0.2000

■ 49.6580, -1.3104,

0.2999

■ 28.7720, -0.8736,
0.2000

■ 1.7720, -0.8736,
0.2000

■ 227.6580, -1.3104,
0.2999

■ 227.6580, -1.3104,
0.2999

■ 225.0360,
-11.3567, 2.5994

■ 230.2800, 8.7360,
-1.9996

■ 222.4140,
-21.4031, 4.8989

■ 231.0780, 11.7935,
-2.6994

■ 219.9060,
-31.0127, 7.0984

■ 217.2840,
-41.0590, 9.3979

■ 214.6620,
-51.1054, 11.6974

■ 212.0400,
-61.1517, 13.9969

■ 209.4180,
-71.1981, 16.2964

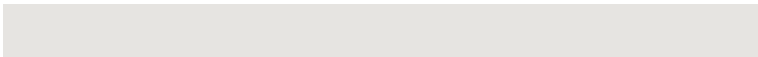
■ 206.9100,
-80.8076, 18.4959

■ 204.2880,
-90.8540, 20.7954

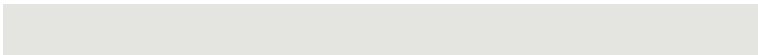
Harmonies

Analogous

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



228.2560, -1.6052, 1.5295



227.6580, -1.3104, 0.2999



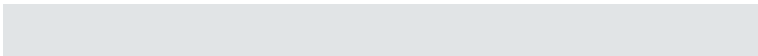
227.1740, -0.5788, -1.0296

Triad

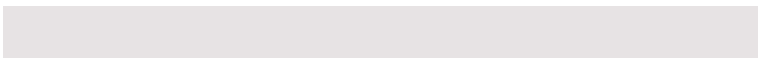
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.6580, -1.3104, 0.2999



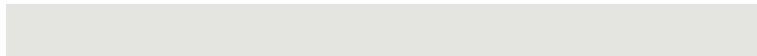
227.3310, 1.3158, -2.0443



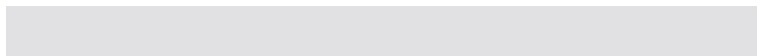
228.3100, -0.1528, 2.3591

Complementary

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



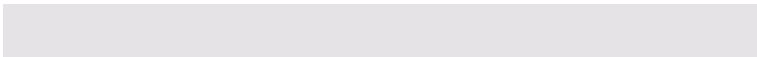
227.6580, -1.3104, 0.2999



225.3420, 1.3104, -0.2999

Split Complementary

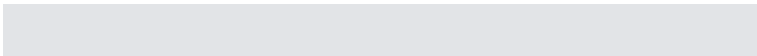
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9400, 1.0156, 0.9296



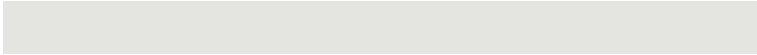
227.6580, -1.3104, 0.2999



227.7440, 1.6052, -1.5295

Square

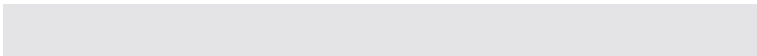
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



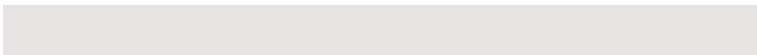
227.6580, -1.3104, 0.2999



227.5050, 0.7370, -3.0739



228.3420, 1.3104, -0.2999



228.1960, -0.5896, 2.4591

Rectangle

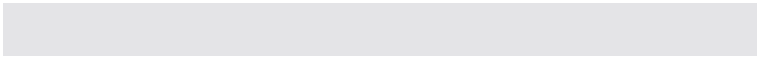
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.6580, -1.3104, 0.2999



227.5760, -0.2840, -2.2592



228.3420, 1.3104, -0.2999



228.1250, 0.4314, 1.6444

Sweetspot

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



227.6580, -1.3104, 0.2999

255.0000, 0.0000, 0.0000



225.8970, -0.4422, 1.8443



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



227.6580, -1.3104, 0.2999



254.4300, -2.1840, 0.4999



227.3590, -1.1630, -0.3148



114.6580, -1.3104, 0.2999



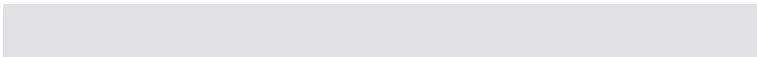
158.5940, -78.1868, 17.8961



45.1860, -22.2767, 5.0989

Inverse Universe

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



225.3420, 1.3104, -0.2999



250.5700, 2.1840, -0.4999



225.9400, 1.0156, 0.9296



112.3420, 1.3104, -0.2999



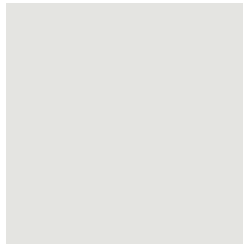
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 227.6580, -1.3104, 0.2999 looks on a white background.

Color Contrast Check

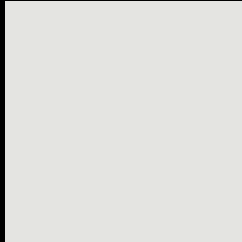
Large Text (above 18pt) WCAG AA × Fail

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 227.6580, -1.3104, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

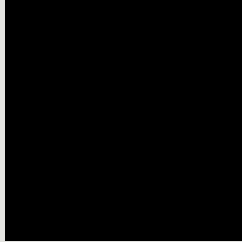
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

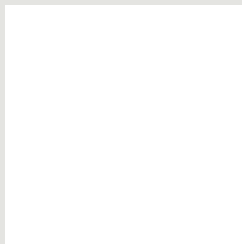
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.6580, -1.3104, 0.2999

Background



This preview shows how black text looks on a background with the YUV color 227.6580, -1.3104, 0.2999.



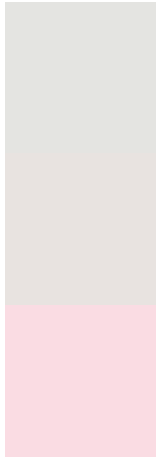
This preview shows how white text looks on a background with the YUV color 227.6580, -1.3104,

0.2999.

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

227.6580, -1.3104, 0.2999

Protanopia

228.1530, -2.0474, 3.3738

Deuteranopia

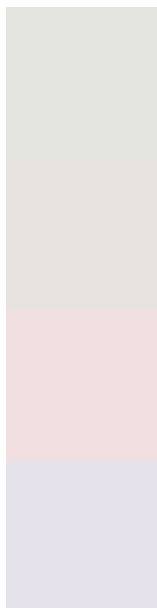
229.7680, -1.3646, 17.7435



Tritanopia

228.8460, 6.9779, 1.8891

Trichromacy



Original Color

227.6580, -1.3104, 0.2999

Protanomaly

227.8540, -1.9000, 2.7590

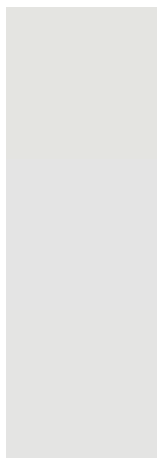
Deuteranomaly

229.0230, -1.4903, 11.3808

Tritanomaly

228.3360, 3.7784, 1.4593

Monochromacy



Original Color

227.6580, -1.3104, 0.2999

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.6580, -1.3104, 0.2999 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(228, 228, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 225)  
}
```

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(228, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 225) }
```

Border

The CSS property to change the border of an element to YUV 227.6580, -1.3104, 0.2999 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(228, 228, 225) }
```

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

```
.border{ border-color:rgb(228, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 228, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 228, 225); box-shadow:4px 4px 4px 4px rgb(228, 228, 225) }
```


Background

The CSS property to change the background color of an element to YUV 227.6580, -1.3104, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 225) }
```

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

```
.background{ background-color: rgb(228,  
228, 225) }
```

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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