

Converting Colors

YUV(227.5140, 7.1416, -3.9588)

Have a look what the booklet for
YUV(227.5140, 7.1416, -3.9588)
contains.

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Color

**YUV(227.5140, 7.1416,
-3.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE3F2
RGB	223, 227, 242
RGB Percent	87%, 89%, 95%
CMY	0.1255, 0.1098, 0.0510
CMYK	0.08, 0.06, 0.00, 0.05
HSL	227°, 42%, 91%
HSV	227°, 8%, 95%
XYZ	73.9275, 77.0370, 94.9776
YIQ	227.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

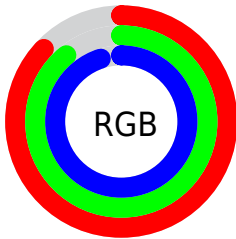
Format	Color
R _Y B	223, 226, 242
Decimal	14672882
CIE Lab	90.34, 1.47, -7.75
CIE LCh	90, 7.891, 280.728
Yxy	77.0370, 0.3006, 0.3132
Android (android.graphics.Color)	4292862962 (0xFFDFE3F2)
YUV	227.5140, 7.1416, -3.9588
Hunter-Lab	87.7707, -3.2517, -2.7189

Details

The YUV color $227.5140, 7.1416, -3.9588$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $237.4860, -7.1416, 3.9588$, 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 $172.4000, 6.7048, -3.8588$ is the 20% darker color. If you saturate the color by 10%, you get $209.1850, 16.1778, -8.9322$, and if you desaturate by 10%, it is $245.8430, -1.8946, 1.0147$.

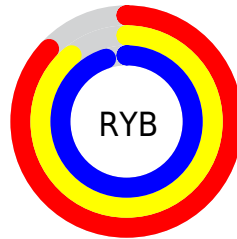
Distribution



Red (87%)

Green (89%)

Blue (95%)



Red (87%)

Yellow (89%)

Blue (95%)

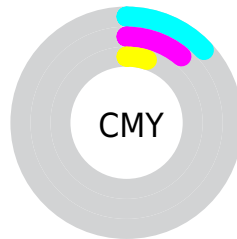


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.5140, 7.1416, -3.9588 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 227.5140, 7.1416, -3.9588 by changing the saturation by 10% instead.

■ 227.5140, 7.1416,
-3.9588

■ 227.5140, 7.1416,
-3.9588

255.0000, 0.0000,
0.0000

■ 199.5140, 7.1416,
-3.9588

■ 172.4000, 6.7048,
-3.8588

■ 145.4000, 6.7048,
-3.8588

■ 120.2860, 6.2680,
-3.7588

■ 95.2860, 6.2680,
-3.7588

■ 71.4710, 5.6838,
-3.0441

■ 49.0580, 5.3944,

-3.5589

■ 28.0580, 5.3944,
-3.5589

■ 2.6390, 7.5730,
-2.3144

■ 227.5140, 7.1416,
-3.9588

■ 227.5140, 7.1416,
-3.9588

■ 209.1850, 16.1778,
-8.9322

■ 245.8430, -1.8946,
1.0147

■ 190.8560, 25.2140,
-13.9057

■ 253.5180, -5.6784,
1.2997

■ 172.2280, 34.3976,
-19.4940

■ 153.8990, 43.4338,
-24.4674

■ 134.9830, 52.7594,
-28.9261

■ 116.6540, 61.7956,
-33.8996

■ 98.3250, 70.8318,
-38.8730

■ 79.6970, 80.0154,
-44.4613

■ 61.3680, 89.0516,
-49.4347

Harmonies

Analogous

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



226.1820, 7.3053, -9.8066



227.5140, 7.1416, -3.9588



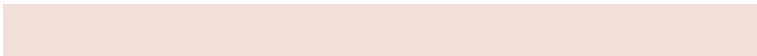
228.6890, 5.0833, 2.9037

Triad

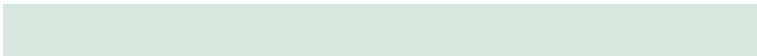
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.5140, 7.1416, -3.9588



228.4100, -5.1321, 12.7954



224.8910, -1.4253, -9.5514

Complementary

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



227.5140, 7.1416, -3.9588



237.4860, -7.1416, 3.9588

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.



226.0120, -4.9359, -3.5185



227.5140, 7.1416, -3.9588



227.8180, -7.3053, 9.8066

Square

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



227.5140, 7.1416, -3.9588



228.9200, -1.9326, 13.2252



227.1870, -6.9942, 3.3440



225.1940, 2.3694, -13.3251

Rectangle

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



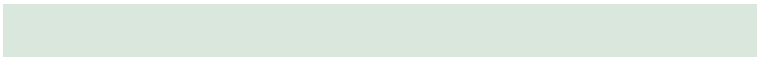
227.5140, 7.1416, -3.9588



228.8530, 3.0305, 8.0219



227.1870, -6.9942, 3.3440



225.5600, -2.7411, -7.5071

Sweetspot

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



227.5140, 7.1416, -3.9588



251.1570, 1.8946, -1.0147



235.8630, 1.0535, -11.2809



125.3420, 1.3104, -0.2999



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.



227.5140, 7.1416, -3.9588



237.5570, 8.5994, -4.8735



226.6610, 7.5621, 1.1743



110.5420, 4.6628, -2.2293



43.8690, 69.0846, -38.4731



13.4280, 20.9880, -11.7764

Inverse Universe

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



229.1370, -1.0535, 11.2809



239.4470, -1.2064, 13.6400



238.3390, -7.5621, -1.1743



111.8160, -0.8953, 7.1774



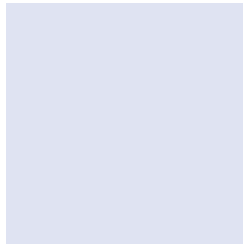
59.4620, -10.0878, 109.2198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 227.5140, 7.1416, -3.9588 looks on a white background.

Color Contrast Check

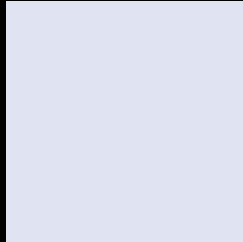
Large Text (above 18pt) WCAG AA × Fail

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 227.5140, 7.1416, -3.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

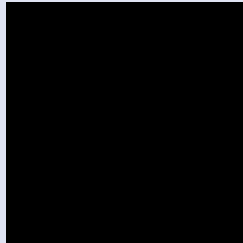
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.5140, 7.1416, -3.9588

Background



This preview shows how black text looks on a background with the YUV color 227.5140, 7.1416, -3.9588.



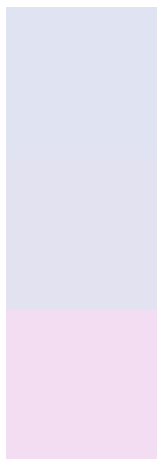
This preview shows how white text looks on a background with the YUV color 227.5140, 7.1416, -3.9588.

-3.9588.

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

227.5140, 7.1416, -3.9588

Protanopia

228.0090, 6.4046, -0.8849

Deuteranopia

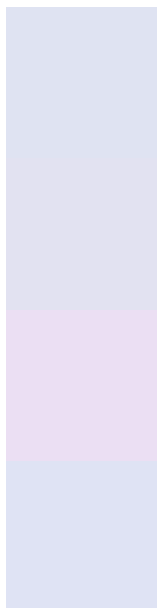
229.7870, 6.5140, 10.7108



Tritanopia

227.8560, 8.4520, -4.2587

Trichromacy



Original Color

227.5140, 7.1416, -3.9588

Protanomaly

227.7100, 6.5520, -1.4997

Deuteranomaly

228.8680, 6.9671, 5.3778

Tritanomaly

227.7420, 8.0152, -4.1587

Monochromacy



Original Color

227.5140, 7.1416, -3.9588

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.5140, 7.1416, -3.9588 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(223, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 242)  
}
```

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(223, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 242) }
```

Border

The CSS property to change the border of an element to YUV 227.5140, 7.1416, -3.9588 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(223, 227, 242) }
```


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

```
.border{ border-color:rgb(223, 227, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 227.5140, 7.1416, -3.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 242) }
```

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

```
.background{ background-color: rgb(223,  
227, 242) }
```

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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