

Converting Colors

YUV(230.8180, -7.3053, 9.8066)

Have a look what the booklet for
YUV(230.8180, -7.3053, 9.8066)
contains.

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Color

**YUV(230.8180, -7.3053,
9.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4D8
RGB	242, 228, 216
RGB Percent	95%, 89%, 85%
CMY	0.0510, 0.1059, 0.1529
CMYK	0.00, 0.06, 0.11, 0.05
HSL	28°, 50%, 90%
HSV	28°, 11%, 95%
XYZ	76.7560, 79.3219, 76.2309
YIQ	230.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

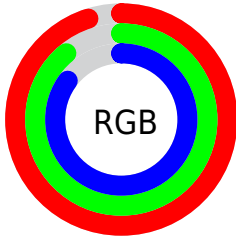
Format	Color
R_{YB}	242, 238, 216
Decimal	15918296
CIE _{Lab}	91.38, 2.77, 7.55
CIE _{LCh}	91, 8.040, 69.829
Yxy	79.3219, 0.3304, 0.3415
Android (android.graphics.Color)	4294108376 (0xFFFF2E4D8)
YUV	230.8180, -7.3053, 9.8066
Hunter-Lab	89.0629, -2.0254, 11.5963

Details

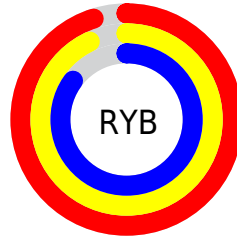
The YUV color $230.8180, -7.3053, 9.8066$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.1820, 7.3053, -9.8066$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.5190, -7.1579, 9.1918$ is the 20% darker color. If you saturate the color by 10%, you get $220.4510, -14.0263, 18.8985$, and if you desaturate by 10%, it is $241.1850, -0.5842, 0.7148$.

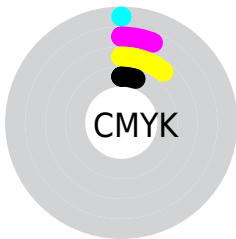
Distribution



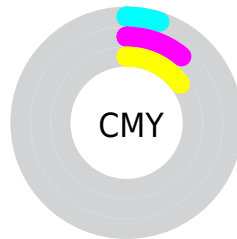
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8180, -7.3053, 9.8066 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 230.8180, -7.3053, 9.8066 by changing the saturation by 10% instead.

■ 230.8180, -7.3053,
9.8066

■ 230.8180, -7.3053,
9.8066

255.0000, 0.0000,
0.0000

■ 202.8180, -7.3053,
9.8066

■ 175.5190, -7.1579,
9.1918

■ 148.6330, -6.7211,
9.0919

■ 122.7470, -6.2843,
8.9919

■ 98.0350, -6.4263,
7.8623

■ 74.1490, -5.9895,
7.7623

■ 51.8500, -5.8420,

7.1476

■ 30.6650, -5.2578,
6.4328

■ 5.9470, -2.9319,
7.0625

■ 230.8180, -7.3053,
9.8066

■ 230.8180, -7.3053,
9.8066

■ 220.4510,
-14.0263, 18.8985

■ 241.1850, -0.5842,
0.7148

■ 210.0840,
-20.7474, 27.9903

■ 250.5260, 2.2057,
-7.4773

■ 199.6030,
-27.9053, 37.1822

■ 251.1130, 1.9163,
-7.9921

■ 189.2360,
-34.6263, 46.2740

■ 178.8690,
-41.3474, 55.3659

■ 168.5020,
-48.0685, 64.4577

■ 158.1350,
-54.7896, 73.5496

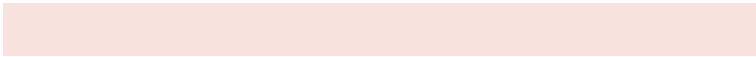
■ 147.6540,
-61.9474, 82.7414

■ 138.1020,
-68.0843, 91.1185

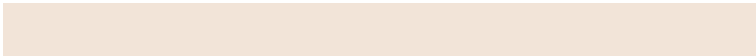
Harmonies

Analogous

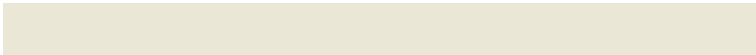
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.7090, -5.2795, 13.4102



230.8180, -7.3053, 9.8066



230.0730, -7.4310, 3.4440

Triad

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



230.8180, -7.3053, 9.8066



227.8950, 2.5168, -13.9399



231.6890, 5.0833, 2.9037

Complementary

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



230.8180, -7.3053, 9.8066



227.1820, 7.3053, -9.8066

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.



230.5140, 7.1416, -3.9588



230.8180, -7.3053, 9.8066



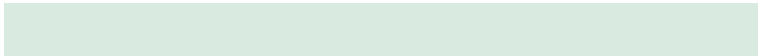
228.1060, 5.8637, -14.1250

Square

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



230.8180, -7.3053, 9.8066



228.4780, -1.7147, -10.0662



228.8830, 7.4527, -10.4214



232.2230, 1.8621, 9.4514

Rectangle

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



230.8180, -7.3053, 9.8066



229.0940, -5.9623, -0.9594



228.8830, 7.4527, -10.4214



231.0200, 6.3991, 0.8595

Sweetspot

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



230.8180, -7.3053, 9.8066



251.7400, -2.3368, 2.8590



225.3700, 2.2826, 14.5845



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



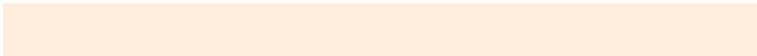
128.0000, 0.0000, 0.0000

Same Dimension

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



230.8180, -7.3053, 9.8066



240.6720, -9.2053, 12.5657



238.4490, -11.0674, 3.1142



114.5230, -3.2158, 4.8033



104.9110, -51.7211, 69.3611



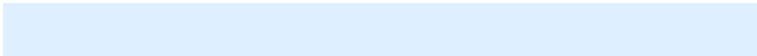
32.0060, -15.7790, 21.0427

Inverse Universe

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



227.1820, 7.3053, -9.8066



236.3280, 9.2053, -12.5657



219.5510, 11.0674, -3.1142



112.8900, 3.5052, -4.2885



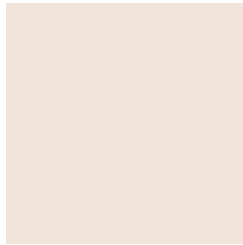
79.0890, 51.7211, -69.3611



23.9940, 15.7790, -21.0427

Previews

White Background



This preview shows how the YUV color 230.8180, -7.3053, 9.8066 looks on a white background.

Color Contrast Check

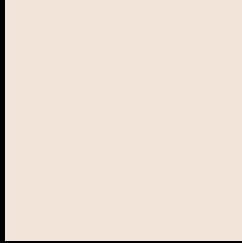
Large Text (above 18pt) WCAG AA × Fail

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 230.8180, -7.3053, 9.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

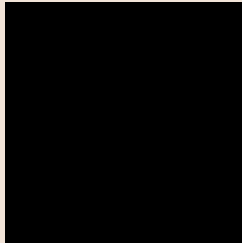
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

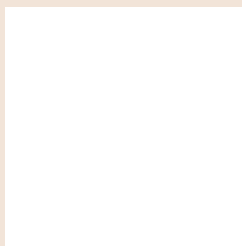
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.8180, -7.3053, 9.8066

Background



This preview shows how black text looks on a background with the YUV color 230.8180, -7.3053, 9.8066.



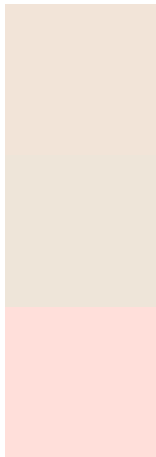
This preview shows how white text looks on a background with the YUV color 230.8180, -7.3053,

9.8066.

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

230.8180, -7.3053, 9.8066

Protanopia

230.3230, -6.5682, 6.7327

Deuteranopia

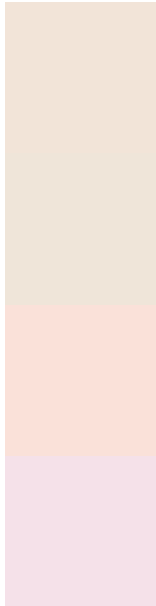
231.9980, -6.9010, 20.1728



Tritanopia

232.6300, 4.6194, 11.7255

Trichromacy



Original Color

230.8180, -7.3053, 9.8066

Protanomaly

230.6220, -6.7156, 7.3475

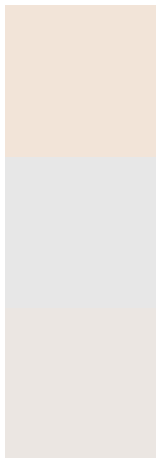
Deuteranomaly

231.5630, -7.1796, 16.1692

Tritanomaly

231.8920, 0.5462, 11.4957

Monochromacy



Original Color

230.8180, -7.3053, 9.8066

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8180, -7.3053, 9.8066 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(242, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 216)  
}
```

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(242, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 216) }
```

Border

The CSS property to change the border of an element to YUV 230.8180, -7.3053, 9.8066 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(242, 228, 216) }
```


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

```
.border{ border-color:rgb(242, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 230.8180, -7.3053, 9.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 216) }
```

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

```
.background{ background-color: rgb(242,  
228, 216) }
```

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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