

Converting Colors

YUV(230.5040, 5.6675, 2.1890)

Have a look what the booklet for
YUV(230.5040, 5.6675, 2.1890)
contains.

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Color

**YUV(230.5040, 5.6675,
2.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3F2
RGB	233, 227, 242
RGB Percent	91%, 89%, 95%
CMY	0.0863, 0.1098, 0.0510
CMYK	0.04, 0.06, 0.00, 0.05
HSL	264°, 37%, 92%
HSV	264°, 6%, 95%
XYZ	77.1004, 78.6726, 95.1261
YIQ	230.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

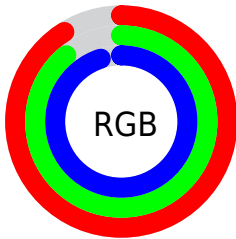
Format	Color
R _Y B	233, 227, 242
Decimal	15328242
CIE Lab	91.09, 4.73, -6.56
CIE LCh	91, 8.093, 305.799
Yxy	78.6726, 0.3073, 0.3136
Android (android.graphics.Color)	4293518322 (0xFFE9E3F2)
YUV	230.5040, 5.6675, 2.1890
Hunter-Lab	88.6976, -0.0597, -1.4988

Details

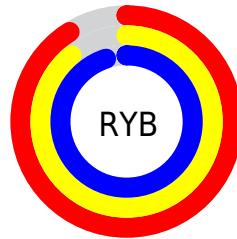
The YUV color `230.5040, 5.6675, 2.1890` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238.4960, -5.6675, -2.1890`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `175.0910, 5.3781, 1.6742` is the 20% darker color. If you saturate the color by 10%, you get `211.9310, 14.8240, 5.3225`, and if you desaturate by 10%, it is `249.0770, -3.4890, -0.9445`.

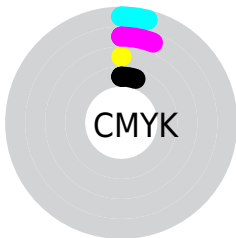
Distribution



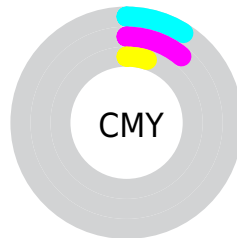
- Red (91%)
- Green (89%)
- Blue (95%)



- Red (91%)
- Yellow (89%)
- Blue (95%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.5040, 5.6675, 2.1890 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 230.5040, 5.6675, 2.1890 by changing the saturation by 10% instead.

■ 230.5040, 5.6675,
2.1890

■ 230.5040, 5.6675,
2.1890

255.0000, 0.0000,
0.0000

■ 202.5040, 5.6675,
2.1890

■ 175.0910, 5.3781,
1.6742

■ 148.3900, 5.2307,
2.2890

■ 122.3900, 5.2307,
2.2890

■ 97.9770, 4.9413,
1.7742

■ 73.8630, 4.5045,
1.8741

■ 51.4500, 4.2151,

1.3593

■ 30.4500, 4.2152,
1.3594

■ 5.3300, 6.2463,
3.2186

■ 230.5040, 5.6675,
2.1890

■ 230.5040, 5.6675,
2.1890

■ 211.9310, 14.8240,
5.3225

■ 249.0770, -3.4890,
-0.9445

■ 193.6570, 23.8331,
9.0708

■ 253.5180, -5.6784,
1.2997

■ 174.4970, 33.2790,
12.7191

■ 156.2230, 42.2881,
16.4674

■ 137.6500, 51.4446,
19.6010

■ 119.3760, 60.4536,
23.3492

■ 100.8030, 69.6101,
26.4828

■ 81.9420, 78.9086,
30.7459

■ 63.3690, 88.0651,
33.8794

Harmonies

Analogous

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



229.6170, 7.5838, -5.8031



230.5040, 5.6675, 2.1890



231.0380, 2.4463, 8.7367

Triad

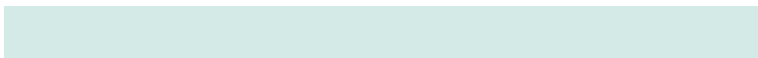
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5040, 5.6675, 2.1890



230.2310, -7.0159, 10.3214



227.0800, 1.9326, -13.2252

Complementary

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



230.5040, 5.6675, 2.1890



238.4960, -5.6675, -2.1890

Split Complementary

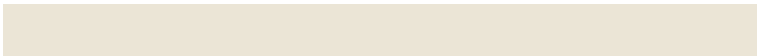
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.6630, -2.2989, -9.3515



230.5040, 5.6675, 2.1890



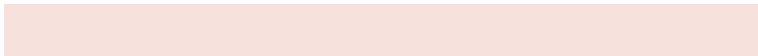
229.0840, -7.4364, 5.1883

Square

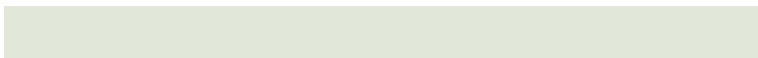
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.5040, 5.6675, 2.1890



230.8230, -4.8427, 13.3102



228.4960, -5.6675, -2.1890



227.5790, 5.1376, -14.5398

Rectangle

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



230.5040, 5.6675, 2.1890



231.0770, -0.0380, 12.2105



228.4960, -5.6675, -2.1890



227.0370, 0.4748, -12.3104

Sweetspot

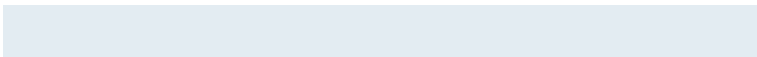
The Sweet Spot groups the original color and five complimentary colors.



230.5040, 5.6675, 2.1890



251.1680, 1.8892, 0.7297



233.9930, 3.9475, -6.1329



125.6410, 1.1630, 0.3148



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.



230.5040, 5.6675, 2.1890



241.1450, 6.8305, 2.5038



232.5970, 4.6357, 6.4924



112.3360, 3.7784, 1.4593



42.8030, 69.6101, 26.4828



12.9620, 21.2177, 7.9263

Inverse Universe

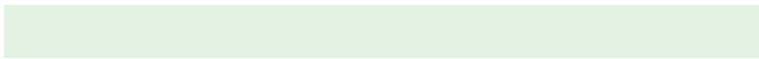
The Inverse Universe completely reimagines the original color for something new.



232.5110, 1.7201, 8.3219



243.6360, 2.1515, 9.9662



236.1040, -4.4883, -7.1072



113.6740, 1.1467, 5.5479



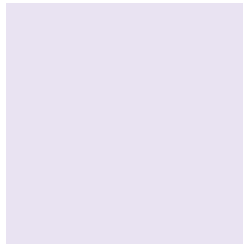
67.5560, 20.9249, 102.1214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 230.5040, 5.6675, 2.1890 looks on a white background.

Color Contrast Check

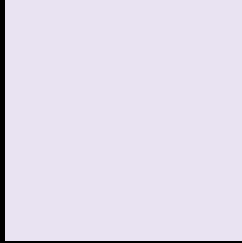
Large Text (above 18pt) WCAG AA × Fail

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 230.5040, 5.6675, 2.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

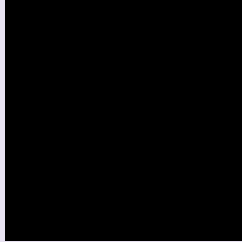
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.5040, 5.6675, 2.1890

Background



This preview shows how black text looks on a background with the YUV color 230.5040, 5.6675, 2.1890.



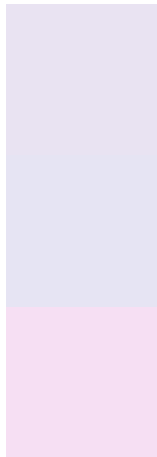
This preview shows how white text looks on a background with the YUV color 230.5040, 5.6675,

2.1890.

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

230.5040, 5.6675, 2.1890

Protanopia

230.3080, 6.2572, -0.2701

Deuteranopia

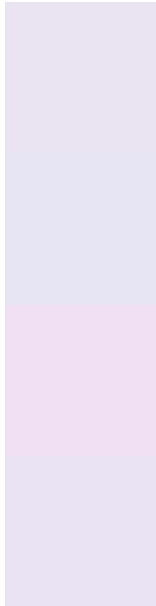
232.1570, 5.3456, 12.1403



Tritanopia

230.7320, 6.5411, 1.9890

Trichromacy



Original Color

230.5040, 5.6675, 2.1890

Protanomaly

230.6070, 6.1097, 0.3447

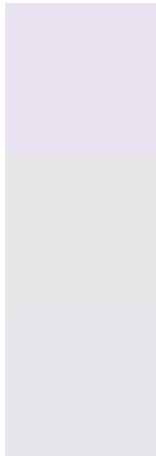
Deuteranomaly

231.2490, 5.7932, 8.5516

Tritanomaly

230.6180, 6.1043, 2.0890

Monochromacy



Original Color

230.5040, 5.6675, 2.1890

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5040, 5.6675, 2.1890 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(233, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 242) }
```

Border

The CSS property to change the border of an element to YUV 230.5040, 5.6675, 2.1890 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(233, 227, 242) }
```


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

```
.border{ border-color:rgb(233, 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(233, 227, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 230.5040, 5.6675, 2.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 242) }
```

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

```
.background{ background-color: rgb(233,  
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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