

Converting Colors

YIQ(230.6250, 5.7300, 6.2900)

Have a look what the booklet for
YIQ(230.6250, 5.7300, 6.2900)
contains.

| | |
|--|----|
| YIQ(230.6250, 5.7300, 6.2900) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(230.6250, 5.7300,
6.2900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0E1EB |
| RGB | 240, 225, 235 |
| RGB Percent | 94%, 88%, 92% |
| CMY | 0.0588, 0.1176, 0.0784 |
| CMYK | 0.00, 0.06, 0.02, 0.06 |
| HSL | 320°, 33%, 91% |
| HSV | 320°, 6%, 94% |
| XYZ | 77.8583, 78.3725, 89.6240 |
| YIQ | 230.6250, 5.7300, 6.2900 |

Conversions

Conversions Part 2

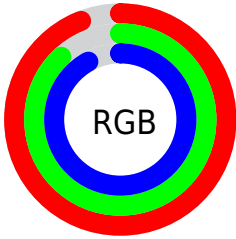
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 240, 225, 235 |
| Decimal | 15786475 |
| CIE _{Lab} | 90.95, 6.84, -3.04 |
| CIE _{LCh} | 91, 7.489, 336.056 |
| Yxy | 78.3725, 0.3167, 0.3188 |
| Android (android.graphics.Color) | 4293976555 (0xFFFF0E1EB) |
| YUV | 230.6250, 2.1569, 8.2219 |
| Hunter-Lab | 88.5283, 2.0616, 1.9459 |

Details

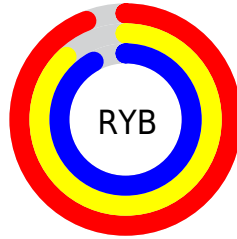
The YIQ color $230.6250, 5.7300, 6.2900$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.3750, -5.7300, -6.2900$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.2120, 5.4550, 5.7670$ is the 20% darker color. If you saturate the color by 10%, you get $215.6250, 14.8980, 16.3540$, and if you desaturate by 10%, it is $245.6250, -3.4380, -3.7740$.

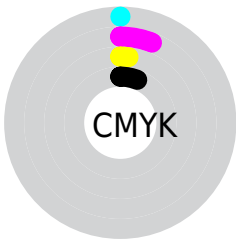
Distribution



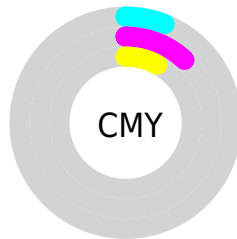
- Red (94%)
- Green (88%)
- Blue (92%)



- Red (94%)
- Yellow (88%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6250, 5.7300, 6.2900 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 YIQ color 230.6250, 5.7300, 6.2900 by changing the saturation by 10% instead.

230.6250, 5.7300,
6.2900

230.6250, 5.7300,
6.2900

255.0000, -0.0000,
-0.0000

202.6250, 5.7300,
6.2900

175.2120, 5.4550,
5.7670

148.3260, 5.1340,
6.0780

122.9130, 4.8590,
5.5550

97.9130, 4.8590,
5.5550

73.9130, 4.8590,
5.5550

51.5000, 4.5840,

5.0320

■ 30.2010, 3.9880,
4.8200

■ 6.3370, 6.6010,
7.0250

■ 230.6250, 5.7300,
6.2900

■ 230.6250, 5.7300,
6.2900

■ 215.6250, 14.8980,
16.3540

■ 245.6250, -3.4380,
-3.7740

■ 200.6250, 24.0660,
26.4180

■ 250.0590, -7.6560,
-4.4240

■ 185.6250, 33.2340,
36.4820

■ 250.5150, -8.9400,
-3.1800

■ 170.6250, 42.4020,
46.5460

■ 155.6250, 51.5700,
56.6100

■ 140.6250, 60.7380,
66.6740

■ 125.6250, 69.9060,
76.7380

■ 110.6250, 79.0740,
86.8020

■ 95.6250, 88.2420,
96.8660

Harmonies

Analogous

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



230.0910, -1.5140, 5.4140



230.6250, 5.7300, 6.2900



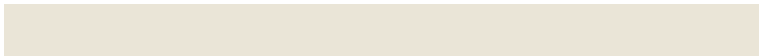
230.4360, 10.6360, 5.4840

Triad

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



230.6250, 5.7300, 6.2900



228.8990, 7.4740, -3.2940



227.1770, -13.8000, -3.2080

Complementary

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



230.6250, 5.7300, 6.2900



234.3750, -5.7300, -6.2900

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.



226.6780, -10.9570, -5.1730



230.6250, 5.7300, 6.2900



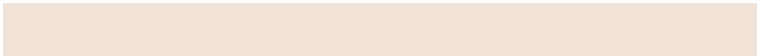
227.6100, 0.9180, -5.6260

Square

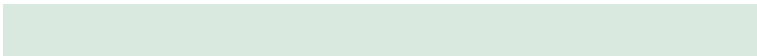
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.6250, 5.7300, 6.2900



229.9320, 11.8750, -0.4530



227.3750, -5.7300, -6.2900



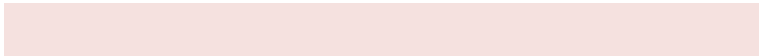
227.7690, -12.4710, 0.2410

Rectangle

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



230.6250, 5.7300, 6.2900



230.7520, 12.5620, 3.6180



227.3750, -5.7300, -6.2900



226.9490, -13.1580, -3.8300

Sweetspot

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



230.6250, 5.7300, 6.2900



251.8370, 2.0170, 1.9930



228.2050, -1.8350, 5.7250



126.1250, 1.1460, 1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

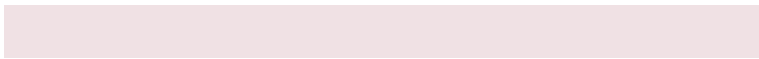
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6250, 5.7300, 6.2900



242.4620, 7.7470, 8.2830



229.8270, 7.9770, 4.1130



112.5000, 4.5840, 5.0320



68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Inverse Universe

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



230.6250, 5.7300, 6.2900



242.4620, 7.7470, 8.2830



235.2870, -8.2980, -3.8020



112.5000, 4.5840, 5.0320



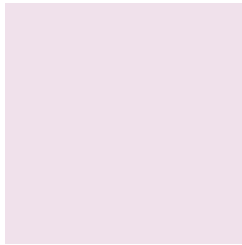
68.9240, 70.5020, 76.9500



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 230.6250, 5.7300, 6.2900 looks on a white background.

Color Contrast Check

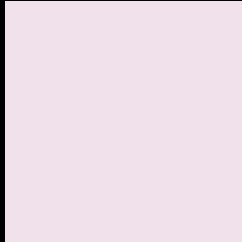
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 230.6250, 5.7300, 6.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

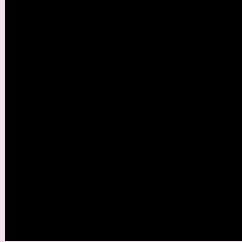
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

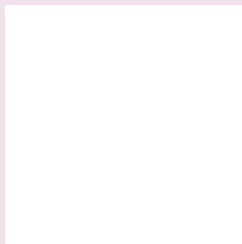
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.6250, 5.7300, 6.2900

Background



This preview shows how black text looks on a background with the YIQ color 230.6250, 5.7300, 6.2900.



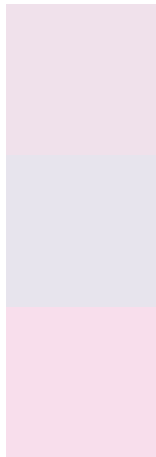
This preview shows how white text looks on a background with the YIQ color 230.6250, 5.7300,

6.2900.

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

230.6250, 5.7300, 6.2900

Protanopia

229.9230, -1.1010, 3.4350

Deuteranopia

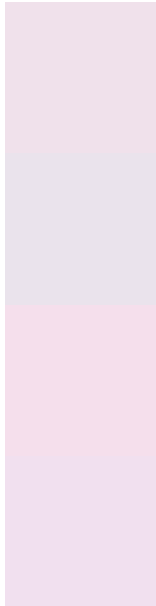
231.3700, 11.0020, 9.8660



Tritanopia

231.1350, 4.3540, 9.2020

Trichromacy



Original Color

230.6250, 5.7300, 6.2900

Protanomaly

230.1190, 1.2830, 4.2830

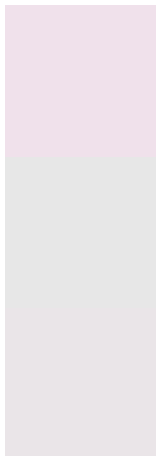
Deuteranomaly

231.0600, 8.9390, 8.7070

Tritanomaly

230.7930, 5.3170, 8.2690

Monochromacy



Original Color

230.6250, 5.7300, 6.2900

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6250, 5.7300, 6.2900 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, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 235)  
}
```

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, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 235) }
```

Border

The CSS property to change the border of an element to YIQ 230.6250, 5.7300, 6.2900 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, 225, 235) }
```


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

```
.border{ border-color:rgb(240, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6250, 5.7300, 6.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 235) }
```

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

```
.background{ background-color: rgb(240,  
225, 235) }
```

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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