

Converting Colors

YIQ(225.6530, 8.5270, 5.1590)

Have a look what the booklet for
YIQ(225.6530, 8.5270, 5.1590)
contains.

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Color

**YIQ(225.6530, 8.5270,
5.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCE1
RGB	237, 220, 225
RGB Percent	93%, 86%, 88%
CMY	0.0705, 0.1373, 0.1176
CMYK	0.00, 0.07, 0.05, 0.07
HSL	342°, 32%, 90%
HSV	342°, 7%, 93%
XYZ	74.1117, 74.6258, 81.7377
YIQ	225.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

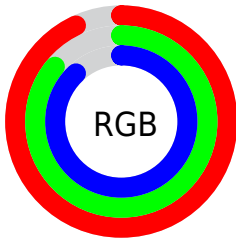
Format	Color
R _Y B	237, 220, 225
Decimal	15588577
CIE Lab	89.22, 6.68, -0.36
CIE LCh	89, 6.693, 356.928
Yxy	74.6258, 0.3216, 0.3238
Android (android.graphics.Color)	4293778657 (0xFFEDDCE1)
YUV	225.6530, -0.3219, 9.9513
Hunter-Lab	86.3862, 1.9614, 4.3708

Details

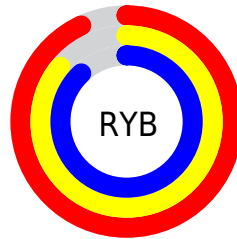
The YIQ color $225.6530, 8.5270, 5.1590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.3470, -8.5270, -5.1590$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.3540, 7.9310, 4.9470$ is the 20% darker color. If you saturate the color by 10%, you get $209.6270, 20.5840, 12.4240$, and if you desaturate by 10%, it is $241.6790, -3.5300, -2.1060$.

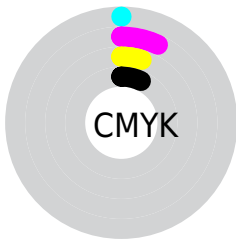
Distribution



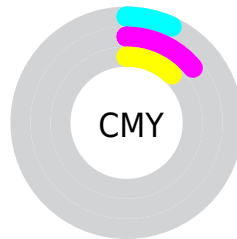
- Red (93%)
- Green (86%)
- Blue (88%)



- Red (93%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6530, 8.5270, 5.1590 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 225.6530, 8.5270, 5.1590 by changing the saturation by 10% instead.

■ 225.6530, 8.5270,
5.1590

■ 225.6530, 8.5270,
5.1590

255.0000, -0.0000,
-0.0000

■ 197.6530, 8.5270,
5.1590

■ 170.3540, 7.9310,
4.9470

■ 143.9410, 7.6560,
4.4240

■ 118.0550, 7.3350,
4.7350

■ 93.6420, 7.0600,
4.2120

■ 69.7560, 6.7390,
4.5230

■ 47.3430, 6.4640,

4.0000

■ 26.7450, 5.2720,
3.5760

■ 2.6910, 5.3640,
1.9080

■ 225.6530, 8.5270,
5.1590

■ 225.6530, 8.5270,
5.1590

■ 209.6270, 20.5840,
12.4240

■ 241.6790, -3.5300,
-2.1060

■ 194.3020, 32.0450,
19.4770

■ 249.6180,
-10.7280, -3.8160

■ 178.2760, 44.1020,
26.7420

■ 162.2500, 56.1590,
34.0070

■ 146.2240, 68.2160,
41.2720

■ 130.8990, 79.6770,
48.3250

■ 114.8730, 91.7340,
55.5900

■ 98.8470, 103.7910,
62.8550

■ 83.5220, 115.2520,
69.9080

Harmonies

Analogous

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



225.4290, 3.3460, 5.4420



225.6530, 8.5270, 5.1590



225.2680, 11.0490, 3.5050

Triad

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



225.6530, 8.5270, 5.1590



223.6210, 2.3850, -4.6790



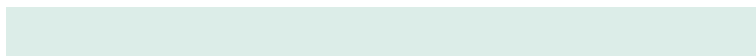
223.1280, -12.1040, -0.9040

Complementary

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



225.6530, 8.5270, 5.1590



231.3470, -8.5270, -5.1590

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.



222.5470, -11.9660, -3.4060



225.6530, 8.5270, 5.1590



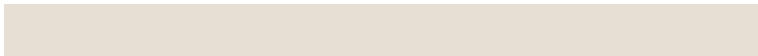
222.5710, -3.3460, -5.4420

Square

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



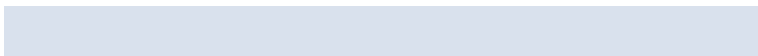
225.6530, 8.5270, 5.1590



223.7250, 8.0240, -2.2480



222.3470, -8.5270, -5.1590



223.9760, -8.6200, 2.0360

Rectangle

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



225.6530, 8.5270, 5.1590



225.1000, 11.4620, 1.5260



222.3470, -8.5270, -5.1590



222.6010, -12.0580, -1.7380

Sweetspot

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



225.6530, 8.5270, 5.1590



251.6090, 2.6590, 1.3710



225.5260, 1.6950, 7.8310



126.0110, 1.4670, 0.9470



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.



225.6530, 8.5270, 5.1590



239.6750, 11.4610, 7.0530



226.8440, 9.3070, 2.0350



109.6310, 5.5930, 3.2650



60.1610, 90.8630, 54.8550



17.9700, 27.0480, 16.4240

Inverse Universe

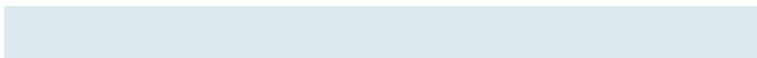
The Inverse Universe completely reimagines the original color for something new.



225.6530, 8.5270, 5.1590



239.6750, 11.4610, 7.0530



230.1560, -9.3070, -2.0350



109.6310, 5.5930, 3.2650



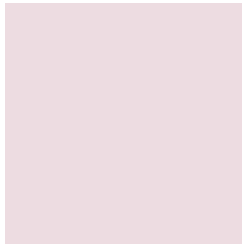
60.1610, 90.8630, 54.8550



17.9700, 27.0480, 16.4240

Previews

White Background



This preview shows how the YIQ color 225.6530, 8.5270, 5.1590 looks on a white background.

Color Contrast Check

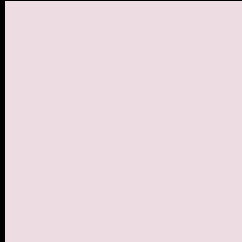
Large Text (above 18pt) WCAG AA × Fail

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 225.6530, 8.5270, 5.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

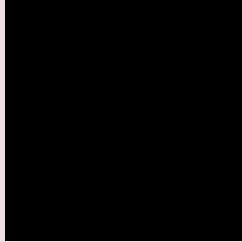
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

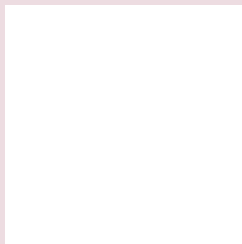
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.6530, 8.5270, 5.1590

Background



This preview shows how black text looks on a background with the YIQ color 225.6530, 8.5270, 5.1590.



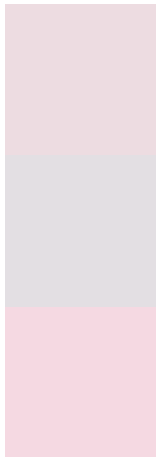
This preview shows how white text looks on a background with the YIQ color 225.6530, 8.5270,

5.1590.

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

225.6530, 8.5270, 5.1590

Protanopia

224.6520, 1.1000, 2.0920

Deuteranopia

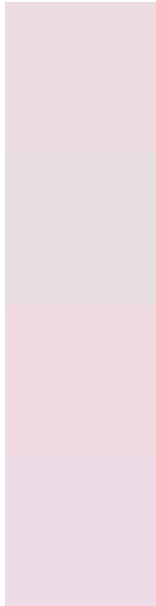
226.3980, 13.7990, 8.7350



Tritanopia

226.3310, 6.7380, 10.0500

Trichromacy



Original Color

225.6530, 8.5270, 5.1590

Protanomaly

225.1470, 4.0800, 3.1520

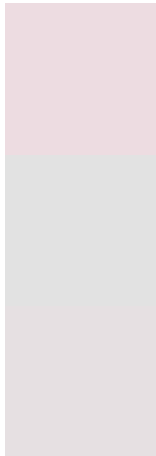
Deuteranomaly

226.0880, 11.7360, 7.5760

Tritanomaly

226.1630, 7.1510, 8.0710

Monochromacy



Original Color

225.6530, 8.5270, 5.1590

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6530, 8.5270, 5.1590 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(237, 220, 225)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 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(237, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 225) }
```

Border

The CSS property to change the border of an element to YIQ 225.6530, 8.5270, 5.1590 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(237, 220, 225) }
```


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

```
.border{ border-color:rgb(237, 220, 225) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6530, 8.5270, 5.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 225) }
```

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

```
.background{ background-color: rgb(237,  
220, 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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