

Converting Colors

YIQ(237.6390, -6.0530, 5.0750)

Have a look what the booklet for
YIQ(237.6390, -6.0530, 5.0750)
contains.

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Color

**YIQ(237.6390, -6.0530,
5.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	EBECFD
RGB	235, 236, 253
RGB Percent	92%, 93%, 99%
CMY	0.0784, 0.0745, 0.0079
CMYK	0.07, 0.07, 0.00, 0.01
HSL	237°, 82%, 96%
HSV	237°, 7%, 99%
XYZ	81.9853, 84.7449, 104.9569
YIQ	237.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

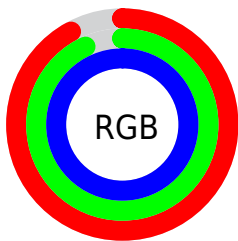
Format	Color
R _Y B	235, 236, 253
Decimal	15461629
CIE Lab	93.77, 2.80, -8.30
CIE LCh	94, 8.762, 288.629
Yxy	84.7449, 0.3018, 0.3119
Android (android.graphics.Color)	4293651709 (0xFFEBECFD)
YUV	237.6390, 7.5730, -2.3144
Hunter-Lab	92.0570, -2.1289, -3.1584

Details

The YIQ color $237.6390, -6.0530, 5.0750$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.3610, 6.0530, -5.0750$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.5250, -5.7320, 4.7640$ is the 20% darker color. If you saturate the color by 10%, you get $216.0760, -14.3530, 12.3270$, and if you desaturate by 10%, it is $254.7720, 0.6420, -0.6220$.

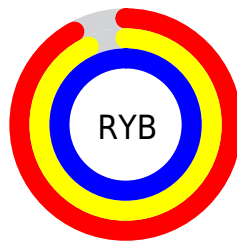
Distribution



Red (92%)

Green (93%)

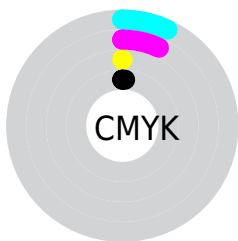
Blue (99%)



Red (92%)

Yellow (93%)

Blue (99%)

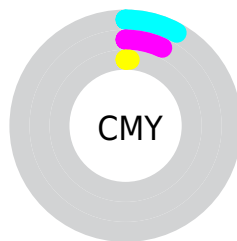


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (8%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.6390, -6.0530, 5.0750 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 237.6390, -6.0530, 5.0750 by changing the saturation by 10% instead.

■ 237.6390, -6.0530,
5.0750

■ 237.6390, -6.0530,
5.0750

255.0000, -0.0000,
-0.0000

■ 209.5250, -5.7320,
4.7640

■ 181.5250, -5.7320,
4.7640

■ 154.5250, -5.7320,
4.7640

■ 129.1120, -6.0070,
4.2410

■ 103.9980, -5.6860,
3.9300

■ 79.8840, -5.3650,
3.6190

■ 56.8840, -5.3650,

3.6190

■ 35.1830, -4.7690,
3.8310

■ 13.2970, -5.0900,
4.1420

■ 237.6390, -6.0530,
5.0750

■ 237.6390, -6.0530,
5.0750

■ 216.0760,
-14.3530, 12.3270

254.7720, 0.6420,
-0.6220

■ 194.2140,
-23.2490, 19.3670

■ 172.6510,
-31.5490, 26.6190

■ 151.0880,
-39.8490, 33.8710

■ 130.1120,
-48.4240, 40.6000

■ 108.2500,
-57.3200, 47.6400

■ 86.6870, -65.6200,
54.8920

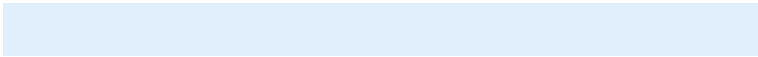
■ 65.1240, -73.9200,
62.1440

■ 43.2620, -82.8160,
69.1840

Harmonies

Analogous

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



236.4100, -12.8380, 1.3860



237.6390, -6.0530, 5.0750



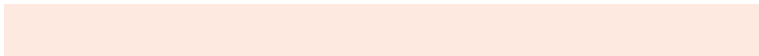
238.2980, 2.3370, 7.2090

Triad

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



237.6390, -6.0530, 5.0750



238.3670, 15.0840, 1.9640



234.6950, -9.6270, -7.2510

Complementary

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



237.6390, -6.0530, 5.0750



250.3610, 6.0530, -5.0750

Split Complementary

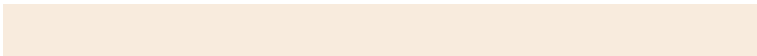
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.7020, -2.3370, -7.2090



237.6390, -6.0530, 5.0750



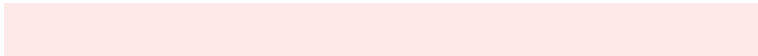
237.2910, 12.2420, -1.5980

Square

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



237.6390, -6.0530, 5.0750



238.8770, 13.7080, 4.8760



236.3610, 6.0530, -5.0750



234.5250, -14.9000, -5.3000

Rectangle

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



237.6390, -6.0530, 5.0750



238.9350, 7.7930, 7.4490



236.3610, 6.0530, -5.0750



235.0650, -7.7930, -7.4490

Sweetspot

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



237.6390, -6.0530, 5.0750



250.5700, -1.6050, 1.5550



247.5040, -10.4070, -4.1270



125.3420, -0.9630, 0.9330



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.



237.6390, -6.0530, 5.0750



235.2090, -7.6580, 6.6300



239.4440, -1.0100, 7.2940



116.4820, -4.1730, 4.0430



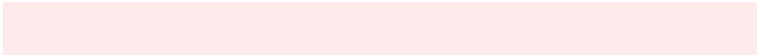
28.2310, -64.3360, 53.6480



9.6440, -21.6440, 17.8120

Inverse Universe

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



240.4960, 10.4070, 4.1270



238.9910, 13.3870, 5.1870



248.5560, 1.0100, -7.2940



118.8870, 7.7480, 2.7560



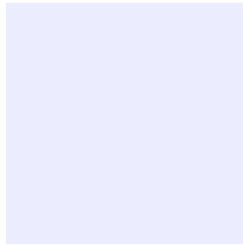
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 237.6390, -6.0530, 5.0750 looks on a white background.

Color Contrast Check

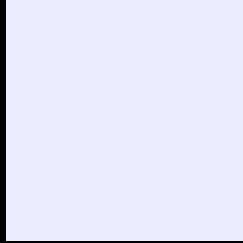
Large Text (above 18pt) WCAG AA × Fail

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 237.6390, -6.0530, 5.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

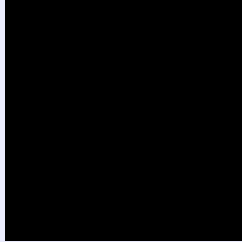
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 237.6390, -6.0530, 5.0750

Background



This preview shows how black text looks on a background with the YIQ color 237.6390, -6.0530, 5.0750.



This preview shows how white text looks on a background with the YIQ color 237.6390, -6.0530,

5.0750.

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

237.6390, -6.0530, 5.0750

Protanopia

238.2370, -4.8610, 5.4990

Deuteranopia

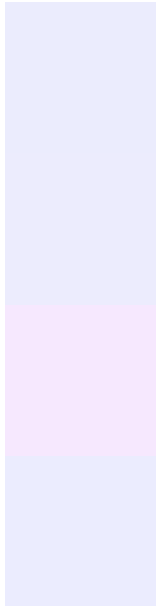
239.3140, 5.4080, 12.1280



Tritanopia

237.7530, -6.3740, 5.3860

Trichromacy



Original Color

237.6390, -6.0530, 5.0750

Protanomaly

237.9380, -5.4570, 5.2870

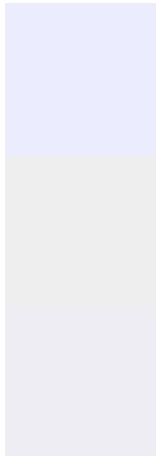
Deuteranomaly

238.6940, 1.2820, 9.8100

Tritanomaly

237.7530, -6.3740, 5.3860

Monochromacy



Original Color

237.6390, -6.0530, 5.0750

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.6840, -1.9260, 1.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.6390, -6.0530, 5.0750 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(235, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 253)  
}
```

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(235, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 253) }
```

Border

The CSS property to change the border of an element to YIQ 237.6390, -6.0530, 5.0750 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(235, 236, 253) }
```


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

```
.border{ border-color:rgb(235, 236, 253) }
```

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

Here you see how a box with a 4 pixel rgb(235, 236, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 237.6390, -6.0530, 5.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 253) }
```

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

```
.background{ background-color: rgb(235,  
236, 253) }
```

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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