

Converting Colors

YIQ(246.6390, -15.2210,
-4.9890)

Have a look what the booklet for
YIQ(246.6390, -15.2210, -4.9890)
contains.

YIQ(246.6390, -15.2210, -4.9890)	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(246.6390, -15.2210,
-4.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FEFF
RGB	229, 254, 255
RGB Percent	90%, 100%, 100%
CMY	0.1020, 0.0039, 0.0001
CMYK	0.10, 0.00, 0.00, 0.00
HSL	182°, 100%, 95%
HSV	182°, 10%, 100%
XYZ	85.8009, 94.7648, 108.3638
YIQ	246.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

Format	Color
R _Y B	229, 242, 255
Decimal	15073023
CIE Lab	97.94, -7.89, -3.23
CIE LCh	98, 8.525, 202.298
Yxy	94.7648, 0.2970, 0.3280
Android (android.graphics.Color)	4293263103 (0xFFE5FEFF)
YUV	246.6390, 4.1220, -15.4694
Hunter-Lab	97.3472, -13.0294, 2.1433

Details

The YIQ color $246.6390, -15.2210, -4.9890$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $237.3610, 15.2210, 4.9890$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.9380, -14.6250, -4.7770$ is the 20% darker color. If you saturate the color by 10%, you get $238.2780, -30.4420, -9.9780$, and if you desaturate by 10%, it is $254.7010, -0.5960, -0.2120$.

Distribution



- Red (90%)
- Green (100%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.6390, -15.2210, -4.9890 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 246.6390, -15.2210, -4.9890 by changing the saturation by 10% instead.

246.6390,
-15.2210, -4.9890

246.6390,
-15.2210, -4.9890

255.0000, -0.0000,
-0.0000

217.9380,
-14.6250, -4.7770

189.9380,
-14.6250, -4.7770

163.2370,
-14.0290, -4.5650

137.2370,
-14.0290, -4.5650

111.5360,
-13.4330, -4.3530

86.8350, -12.8370,
-4.1410

63.8350, -12.8370,

-4.1410

■ 41.1340, -12.2410,
-3.9290

■ 20.1230, -13.7080,
-4.8760

■ 246.6390,
-15.2210, -4.9890

■ 246.6390,
-15.2210, -4.9890

■ 238.2780,
-30.4420, -9.9780

254.7010, -0.5960,
-0.2120

■ 230.2160,
-45.0670, -14.7550

255.0000, -0.0000,
-0.0000

■ 221.8550,
-60.2880, -19.7440

■ 213.7930,
-74.9130, -24.5210

■ 205.4320,
-90.1340, -29.5100

■ 197.3700,
-104.7590, -34.2870

■ 189.0090,
-119.9800, -39.2760

■ 180.9470,
-134.6050, -44.0530

■ 172.8850,
-149.2300, -48.8300

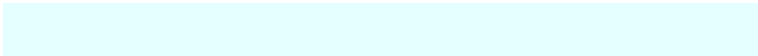
Harmonies

Analogous

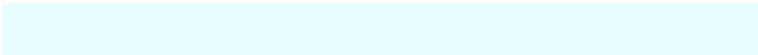
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.6240, -10.8650, -6.8410



246.6390, -15.2210, -4.9890



246.6500, -13.7540, -4.0420

Triad

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



246.6390, -15.2210, -4.9890



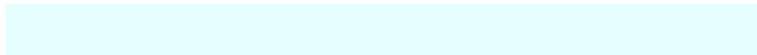
249.1300, 2.7500, 5.2300



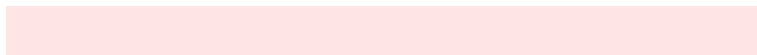
248.3830, 8.9870, -3.1810

Complementary

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



246.6390, -15.2210, -4.9890



237.3610, 15.2210, 4.9890

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.



246.9640, 8.8490, -0.6790



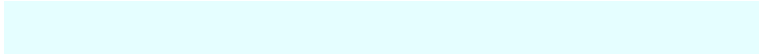
246.6390, -15.2210, -4.9890



248.2010, 3.9880, 4.8200

Square

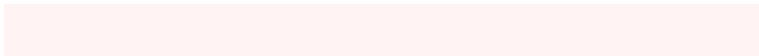
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.6390, -15.2210, -4.9890



248.7980, -2.2470, 2.1770



247.1750, 6.8770, 2.0210



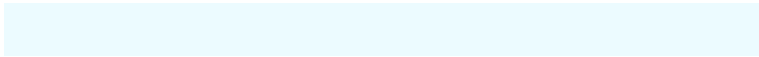
247.8770, 4.5400, -5.1880

Rectangle

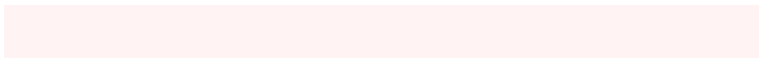
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



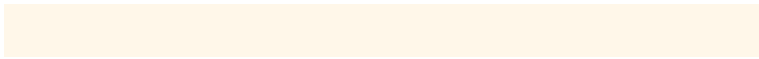
246.6390, -15.2210, -4.9890



246.9710, -10.2240, -1.9360



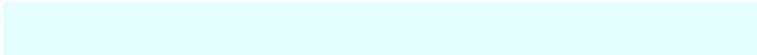
247.1750, 6.8770, 2.0210



247.7960, 9.2620, -2.6580

Sweetspot

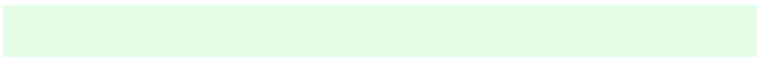
The Sweet Spot groups the original color and five complimentary colors.



246.6390, -15.2210, -4.9890



252.6080, -4.7680, -1.6960



244.3760, -7.4710, -13.2870



125.6190, -3.3010, -0.7490



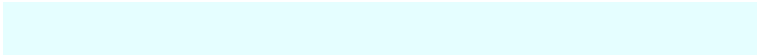
0.0000, 0.0000, 0.0000



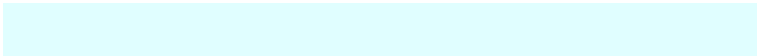
128.0000, -0.0000, -0.0000

Same Dimension

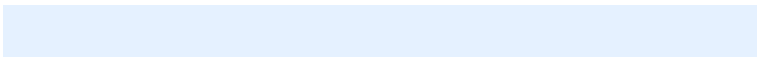
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.6390, -15.2210, -4.9890



245.1440, -18.2010, -6.0490



239.0080, -11.6460, 1.8100



123.5260, -7.4730, -2.2330



129.7820, -111.9110, -36.8310



43.1030, -37.3190, -11.9990

Inverse Universe

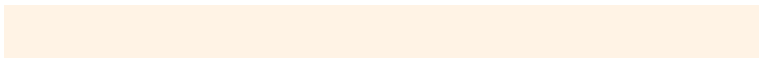
The Inverse Universe completely reimagines the original color for something new.



239.6240, 7.4710, 13.2870



236.6890, 8.8460, 15.9020



244.9920, 11.6460, -1.8100



120.2550, 3.8960, 6.4880



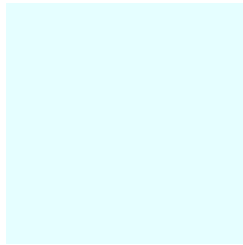
78.0850, 54.7720, 97.7160



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 246.6390, -15.2210, -4.9890 looks on a white background.

Color Contrast Check

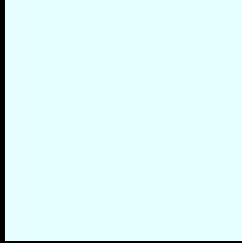
Large Text (above 18pt) WCAG AA × Fail

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 246.6390, -15.2210, -4.9890 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 246.6390, -15.2210, -4.9890

Background



This preview shows how black text looks on a background with the YIQ color 246.6390, -15.2210, -4.9890.



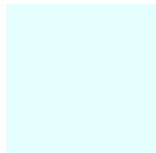
This preview shows how white text looks on a background with the YIQ color 246.6390, -15.2210,

-4.9890.

Color Blindness Simulation

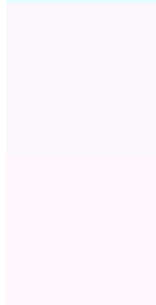
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

246.6390, -15.2210, -4.9890



Protanopia

248.9510, 1.6960, 2.3040

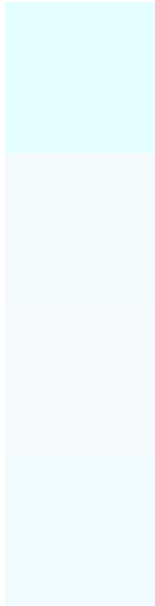
Deuteranopia

249.8480, 3.4840, 2.9400

Tritanopia

248.1890, -4.9060, 0.8060

Trichromacy



Original Color

246.6390, -15.2210, -4.9890

Protanomaly

248.4340, -4.2180, -0.6500

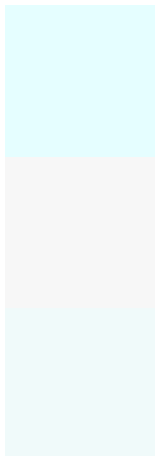
Deuteranomaly

249.0320, -3.0260, -0.2260

Tritanomaly

247.8680, -8.4360, -1.3000

Monochromacy



Original Color

246.6390, -15.2210, -4.9890

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

247.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.6390, -15.2210, -4.9890 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(229, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 254, 255)  
}
```

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(229, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 254, 255) }
```

Border

The CSS property to change the border of an element to YIQ 246.6390, -15.2210, -4.9890 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(229, 254, 255) }
```


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

```
.border{ border-color:rgb(229, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 254,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 246.6390, -15.2210, -4.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 254, 255) }
```

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

```
.background{ background-color: rgb(229,  
254, 255) }
```

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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