

Converting Colors

YIQ(233.0740, -12.0120,
-2.5720)

Have a look what the booklet for
YIQ(233.0740, -12.0120, -2.5720)
contains.

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Color

**YIQ(233.0740, -12.0120,
-2.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEEF2
RGB	220, 238, 242
RGB Percent	86%, 93%, 95%
CMY	0.1373, 0.0666, 0.0510
CMYK	0.09, 0.02, 0.00, 0.05
HSL	191°, 46%, 91%
HSV	191°, 9%, 95%
XYZ	76.1139, 82.7775, 95.9602
YIQ	233.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

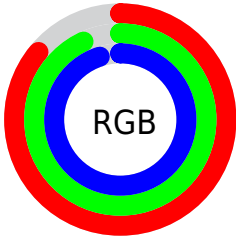
Format	Color
R _Y B	220, 230, 242
Decimal	14479090
CIE Lab	92.92, -5.16, -3.96
CIE LCh	93, 6.504, 217.558
Yxy	82.7775, 0.2987, 0.3248
Android (android.graphics.Color)	4292669170 (0xFFDCEE2)
YUV	233.0740, 4.4005, -11.4659
Hunter-Lab	90.9822, -9.8892, 1.1535

Details

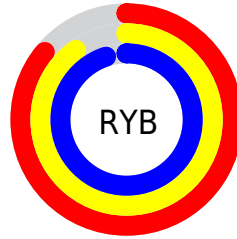
The YIQ color $233.0740, -12.0120, -2.5720$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.9260, 12.0120, 2.5720$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.3730, -11.4160, -2.3600$ is the 20% darker color. If you saturate the color by 10%, you get $223.5500, -25.2160, -5.5680$, and if you desaturate by 10%, it is $242.5980, 1.1920, 0.4240$.

Distribution



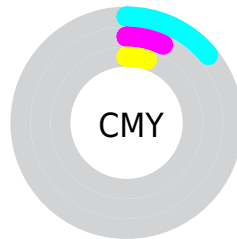
- Red (86%)
- Green (93%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.0740, -12.0120, -2.5720 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 233.0740, -12.0120, -2.5720 by changing the saturation by 10% instead.

■ 233.0740,
-12.0120, -2.5720

■ 233.0740,
-12.0120, -2.5720

255.0000, -0.0000,
-0.0000

■ 205.0740,
-12.0120, -2.5720

■ 177.3730,
-11.4160, -2.3600

■ 150.3730,
-11.4160, -2.3600

■ 124.6720,
-10.8200, -2.1480

■ 99.6720, -10.8200,
-2.1480

■ 75.8570, -9.9030,
-2.2470

■ 52.8570, -9.9030,

-2.2470

■ 31.8570, -9.9030,
-2.2470

■ 10.2700, -9.6280,
-1.7240

■ 233.0740,
-12.0120, -2.5720

■ 233.0740,
-12.0120, -2.5720

■ 223.5500,
-25.2160, -5.5680

■ 242.5980, 1.1920,
0.4240

■ 213.4390,
-38.1450, -8.0410

■ 248.8220, 6.3730,
0.1410

■ 203.6160,
-51.9450, -11.2490

■ 251.1700, 5.2730,
-1.9510

■ 194.0920,
-65.1490, -14.2450

■ 253.5180, 4.1730,
-4.0430

■ 183.9810,
-78.0780, -16.7180

■ 174.4570,
-91.2820, -19.7140

■ 164.3460,
-104.2110, -22.1870

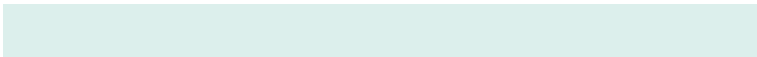
■ 154.5230,
-118.0110, -25.3950

■ 144.9990,
-131.2150, -28.3910

Harmonies

Analogous

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



232.9770, -10.3610, -4.9610



233.0740, -12.0120, -2.5720



234.1390, -10.6370, 0.0430

Triad

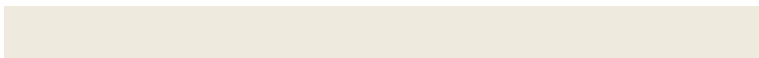
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.0740, -12.0120, -2.5720



236.2120, 5.4550, 5.7670



234.4150, 5.9610, -3.4070

Complementary

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



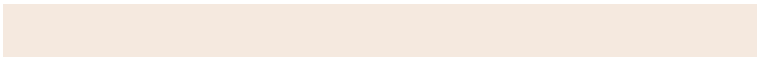
233.0740, -12.0120, -2.5720



228.9260, 12.0120, 2.5720

Split Complementary

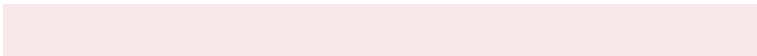
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.4480, 10.3620, -0.5660



233.0740, -12.0120, -2.5720



236.3110, 9.4900, 4.2260

Square

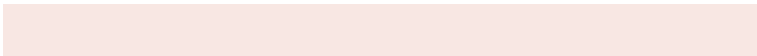
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.0740, -12.0120, -2.5720



235.8630, -0.8720, 4.7920



235.6270, 11.4160, 2.3600



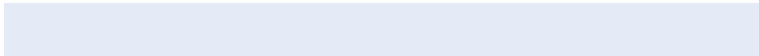
233.8380, 0.2760, -5.0040

Rectangle

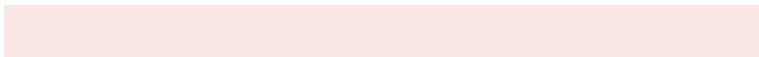
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



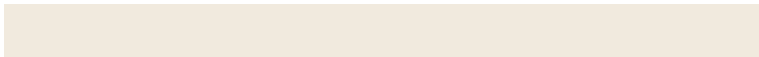
233.0740, -12.0120, -2.5720



234.2750, -8.0240, 2.2480



235.6270, 11.4160, 2.3600



234.7250, 8.0240, -2.2480

Sweetspot

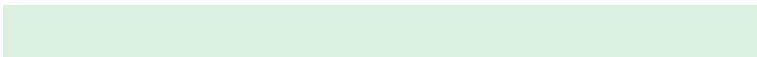
The Sweet Spot groups the original color and five complimentary colors.



233.0740, -12.0120, -2.5720



252.0210, -4.4930, -1.1730



233.3700, -7.3340, -10.2620



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



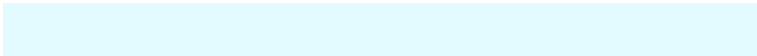
128.0000, -0.0000, -0.0000

Same Dimension

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



233.0740, -12.0120, -2.5720



243.6930, -15.3130, -3.3210



226.6170, -8.9870, 3.1810



115.2380, -6.6020, -1.4980



109.0260, -100.3140, -21.2260



33.3860, -30.6260, -6.6420

Inverse Universe

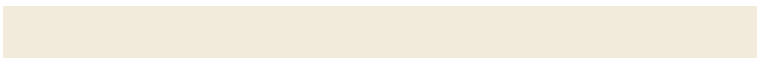
The Inverse Universe completely reimagines the original color for something new.



228.6300, 7.3340, 10.2620



237.9940, 9.3050, 13.0890



235.3830, 8.9870, -3.1810



112.7280, 3.9420, 5.6540



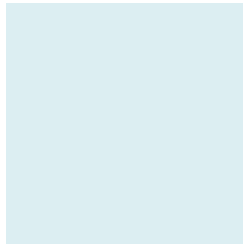
72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 233.0740, -12.0120, -2.5720 looks on a white background.

Color Contrast Check

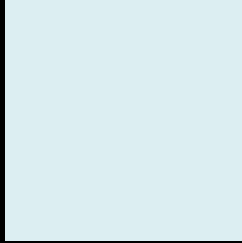
Large Text (above 18pt) WCAG AA × Fail

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 233.0740, -12.0120, -2.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

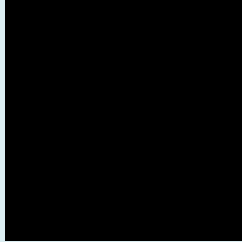
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

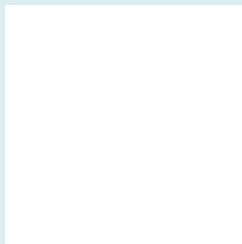
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.0740, -12.0120, -2.5720

Background



This preview shows how black text looks on a background with the YIQ color 233.0740, -12.0120, -2.5720.



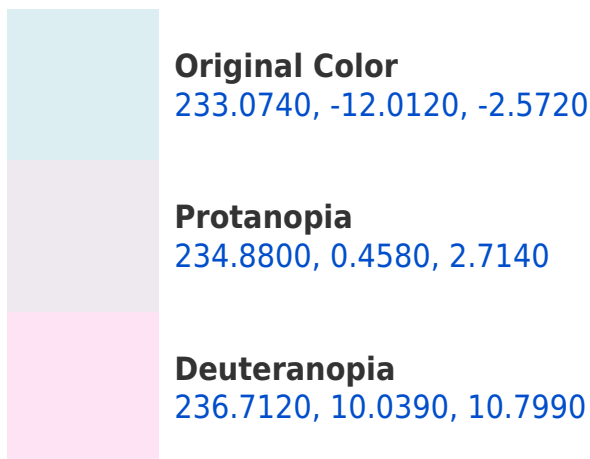
This preview shows how white text looks on a background with the YIQ color 233.0740, -12.0120,

-2.5720.

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

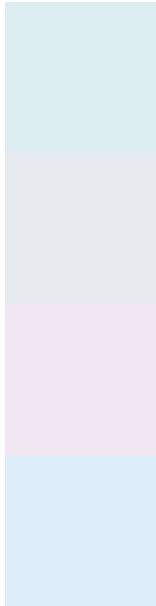




Tritanopia

233.9800, -14.4430, 2.9410

Trichromacy



Original Color

233.0740, -12.0120, -2.5720

Protanomaly

234.3740, -3.9890, 0.7070

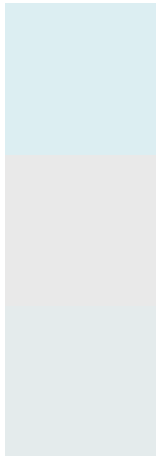
Deuteranomaly

235.3580, 2.1080, 5.8520

Tritanomaly

233.6980, -13.7090, 0.6510

Monochromacy



Original Color

233.0740, -12.0120, -2.5720

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.0740, -12.0120, -2.5720 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(220, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 238, 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(220, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 238, 242) }
```

Border

The CSS property to change the border of an element to YIQ 233.0740, -12.0120, -2.5720 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(220, 238, 242) }
```


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

```
.border{ border-color:rgb(220, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 238,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 233.0740, -12.0120, -2.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 238, 242) }
```

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

```
.background{ background-color: rgb(220,  
238, 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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