

Converting Colors

YIQ(241.2590, -20.2630,
-12.7350)

Have a look what the booklet for
YIQ(241.2590, -20.2630, -12.7350)
contains.

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Color

**YIQ(241.2590, -20.2630,
-12.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF2
RGB	214, 255, 242
RGB Percent	84%, 100%, 95%
CMY	0.1609, 0.0000, 0.0510
CMYK	0.16, 0.00, 0.05, 0.00
HSL	161°, 100%, 92%
HSV	161°, 16%, 100%
XYZ	79.5080, 92.2218, 97.6003
YIQ	241.2590, -20.2630, -12.7350

Conversions

Conversions Part 2

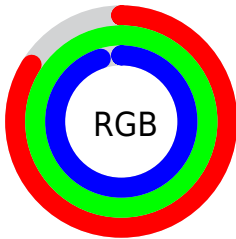
Format	Color
R_{YB}	214, 238, 255
Decimal	14090226
CIE _{Lab}	96.91, -15.57, 1.84
CIE _{LCh}	97, 15.677, 173.276
Yxy	92.2218, 0.2952, 0.3424
Android (android.graphics.Color)	4292280306 (0xFFD6FFF2)
YUV	241.2590, 0.3653, -23.9061
Hunter-Lab	96.0322, -20.2707, 6.9644

Details

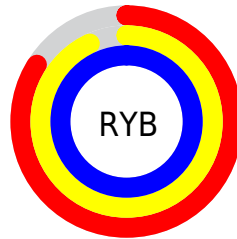
The YIQ color $241.2590, -20.2630, -12.7350$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.7410, 20.2630, 12.7350$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.9710, -19.3920, -12.0000$ is the 20% darker color. If you saturate the color by 10%, you get $232.5730, -33.1910, -20.7350$, and if you desaturate by 10%, it is $249.6460, -7.9310, -4.9470$.

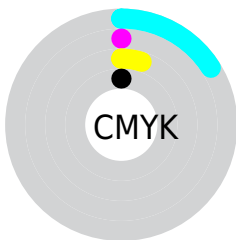
Distribution



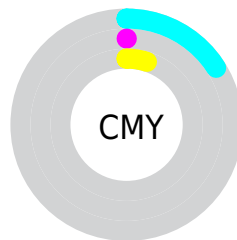
- Red (84%)
- Green (100%)
- Blue (95%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.2590, -20.2630, -12.7350 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 241.2590, -20.2630, -12.7350 by changing the saturation by 10% instead.

■ 241.2590,
-20.2630, -12.7350

■ 241.2590,
-20.2630, -12.7350

255.0000, -0.0000,
-0.0000

■ 212.6720,
-19.9880, -12.2120

■ 184.9710,
-19.3920, -12.0000

■ 157.9710,
-19.3920, -12.0000

■ 131.6830,
-18.5210, -11.2650

■ 106.6830,
-18.5210, -11.2650

■ 81.9820, -17.9250,
-11.0530

■ 58.3950, -17.6500,

-10.5300

■ 35.3240, -18.8880,
-10.1200

■ 17.9010, -13.2030,
-8.5230

■ 241.2590,
-20.2630, -12.7350

■ 241.2590,
-20.2630, -12.7350

■ 232.5730,
-33.1910, -20.7350

■ 249.6460, -7.9310,
-4.9470

■ 224.1860,
-45.5230, -28.5230

255.0000, -0.0000,
-0.0000

■ 215.5000,
-58.4510, -36.5230

■ 207.1130,
-70.7830, -44.3110

■ 198.4270,
-83.7110, -52.3110

■ 189.9260,
-95.7220, -60.4100

■ 181.2400,
-108.6500, -68.4100

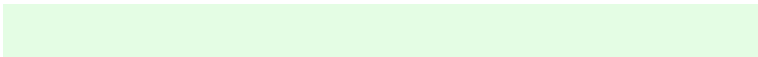
■ 172.8530,
-120.9820, -76.1980

■ 169.5210,
-125.9790, -79.2510

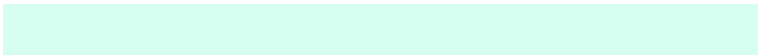
Harmonies

Analogous

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



242.6750, -6.8750, -13.0750



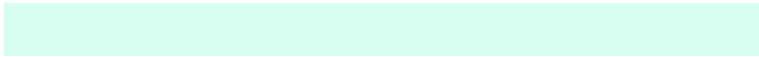
241.2590, -20.2630, -12.7350



240.9470, -28.0120, -9.9640

Triad

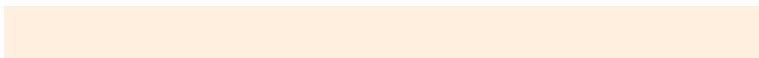
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.2590, -20.2630, -12.7350



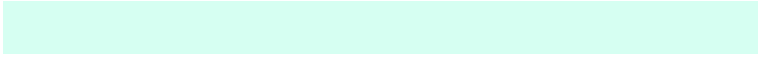
244.9660, -2.6600, 4.1560



241.8460, 14.9930, -1.8950

Complementary

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



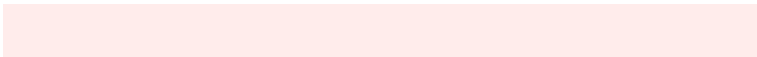
241.2590, -20.2630, -12.7350



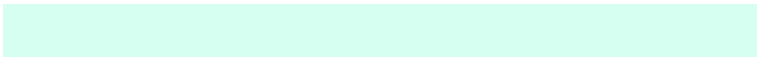
227.7410, 20.2630, 12.7350

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.



241.5670, 11.6450, 3.7170



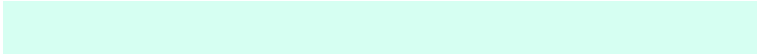
241.2590, -20.2630, -12.7350



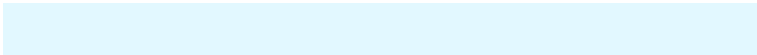
245.6080, 4.4000, 8.3680

Square

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



241.2590, -20.2630, -12.7350



242.2200, -15.3590, -2.4870



243.2770, 6.8300, 8.3820



244.0970, 15.5440, -6.3760

Rectangle

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



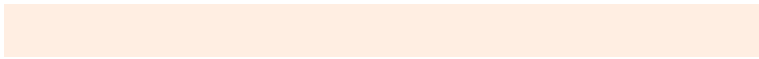
241.2590, -20.2630, -12.7350



240.6590, -27.1410, -9.2290



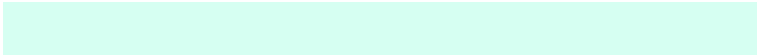
243.2770, 6.8300, 8.3820



241.7150, 13.9840, -0.1280

Sweetspot

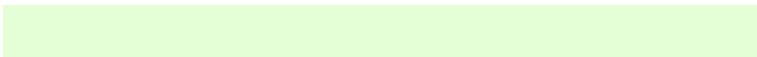
The Sweet Spot groups the original color and five complimentary colors.



241.2590, -20.2630, -12.7350



250.6570, -6.4640, -4.0000



242.2530, -2.9310, -18.4750



125.2660, -3.8050, -2.6290



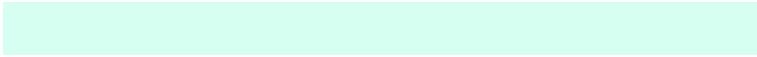
0.0000, 0.0000, 0.0000



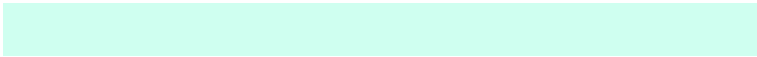
128.0000, -0.0000, -0.0000

Same Dimension

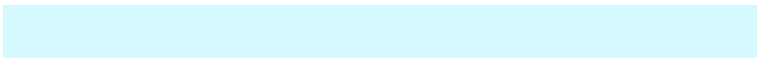
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2590, -20.2630, -12.7350



238.9380, -23.7930, -14.8410



238.6320, -22.5110, -5.0310



123.5430, -6.1430, -4.3110



127.0510, -94.5760, -59.1520



42.5840, -31.7240, -19.7880

Inverse Universe

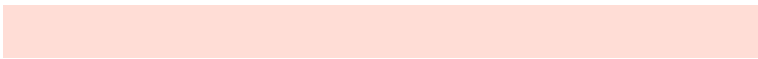
The Inverse Universe completely reimagines the original color for something new.



227.7410, 20.2630, 12.7350



223.0620, 23.7930, 14.8410



230.3680, 22.5110, 5.0310



119.3430, 6.4640, 4.0000



64.0630, 94.2550, 59.4630



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 241.2590, -20.2630, -12.7350 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 241.2590, -20.2630, -12.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

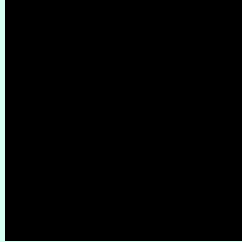
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

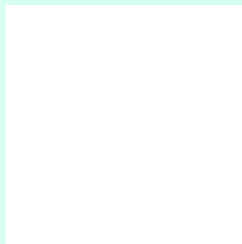
Any Text WCAG AAA ✓ Pass

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

YIQ 241.2590, -20.2630, -12.7350 Background



This preview shows how black text looks on a background with the YIQ color 241.2590, -20.2630, -12.7350.



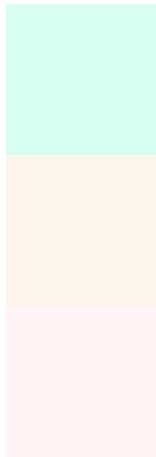
This preview shows how white text looks on a background with the YIQ color 241.2590, -20.2630, -12.7350.

-12.7350.

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

241.2590, -20.2630, -12.7350

Protanopia

246.0670, 7.0610, -1.3150

Deuteranopia

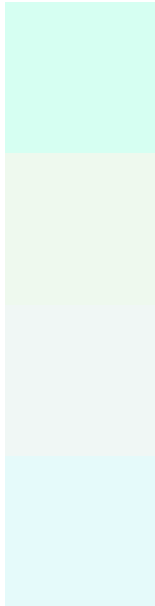
246.9300, 6.1890, 3.4770



Tritanopia

244.9220, -8.5280, 0.3680

Trichromacy



Original Color

241.2590, -20.2630, -12.7350

Protanomaly

244.4570, -3.0250, -5.7530

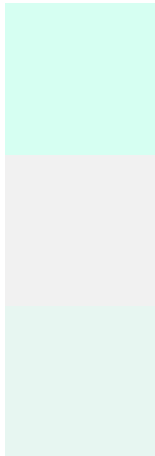
Deuteranomaly

244.6790, -3.5300, -2.1060

Tritanomaly

243.7210, -12.5160, -4.4520

Monochromacy



Original Color

241.2590, -20.2630, -12.7350

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.9450, -7.3350, -4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2590, -20.2630, -12.7350 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(214, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 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(214, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 242) }
```

Border

The CSS property to change the border of an element to YIQ 241.2590, -20.2630, -12.7350 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(214, 255, 242) }
```


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

```
.border{ border-color:rgb(214, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2590, -20.2630, -12.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 242) }
```

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

```
.background{ background-color: rgb(214,  
255, 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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