

Converting Colors

YIQ(245.1330, -19.6680,
-6.9960)

Have a look what the booklet for
YIQ(245.1330, -19.6680, -6.9960)
contains.

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Color

**YIQ(245.1330, -19.6680,
-6.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFFF
RGB	222, 255, 255
RGB Percent	87%, 100%, 100%
CMY	0.1295, 0.0000, 0.0001
CMYK	0.13, 0.00, 0.00, 0.00
HSL	180°, 100%, 94%
HSV	180°, 13%, 100%
XYZ	83.9249, 94.2652, 108.3626
YIQ	245.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

Format	Color
R_{YB}	222, 239, 255
Decimal	14614527
CIE _{Lab}	97.74, -10.57, -3.58
CIE _{LCh}	98, 11.160, 198.708
Yxy	94.2652, 0.2929, 0.3290
Android (android.graphics.Color)	4292804607 (0xFFDEFFFF)
YUV	245.1330, 4.8644, -20.2876
Hunter-Lab	97.0902, -15.6124, 1.7895

Details

The YIQ color $245.1330, -19.6680, -6.9960$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.8670, 19.6680, 6.9960$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.7310, -18.4760, -6.5720$ is the 20% darker color. If you saturate the color by 10%, you get $237.3590, -35.1640, -12.5080$, and if you desaturate by 10%, it is $252.6080, -4.7680, -1.6960$.

Distribution



- Red (87%)
- Green (100%)
- Blue (100%)



- Red (87%)
- Yellow (94%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.1330, -19.6680, -6.9960 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 245.1330, -19.6680, -6.9960 by changing the saturation by 10% instead.

■ 245.1330,
-19.6680, -6.9960

■ 245.1330,
-19.6680, -6.9960

255.0000, -0.0000,
-0.0000

■ 216.4320,
-19.0720, -6.7840

■ 188.7310,
-18.4760, -6.5720

■ 161.7310,
-18.4760, -6.5720

■ 135.1440,
-18.2010, -6.0490

■ 110.0300,
-17.8800, -6.3600

■ 85.3290, -17.2840,
-6.1480

■ 61.7420, -17.0090,

-5.6250

■ 39.3290, -17.2840,
-6.1480

■ 18.9270, -16.0920,
-5.7240

■ 245.1330,
-19.6680, -6.9960

■ 245.1330,
-19.6680, -6.9960

■ 237.3590,
-35.1640, -12.5080

■ 252.6080, -4.7680,
-1.6960

■ 229.8840,
-50.0640, -17.8080

255.0000, -0.0000,
-0.0000

■ 222.1100,
-65.5600, -23.3200

■ 214.6350,
-80.4600, -28.6200

■ 206.8610,
-95.9560, -34.1320

■ 199.3860,
-110.8560, -39.4320

■ 191.6120,
-126.3520, -44.9440

■ 184.1370,
-141.2520, -50.2440

■ 178.7550,
-151.9800, -54.0600

Harmonies

Analogous

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



245.3740, -13.1570, -9.3570



245.1330, -19.6680, -6.9960



245.1440, -18.2010, -6.0490

Triad

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



245.1330, -19.6680, -6.9960



248.5430, 3.0250, 5.7530



246.5250, 11.4630, -4.0010

Complementary

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



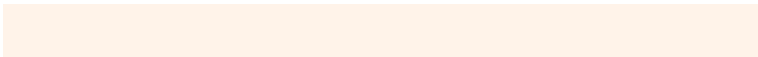
245.1330, -19.6680, -6.9960



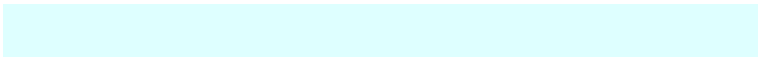
231.8670, 19.6680, 6.9960

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.



245.4480, 10.3620, -0.5660



245.1330, -19.6680, -6.9960



247.1410, 4.2170, 6.1770

Square

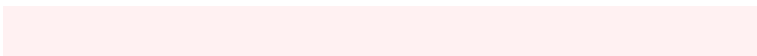
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.1330, -19.6680, -6.9960



247.6130, -3.1640, 2.2760



245.3000, 8.0230, 3.2790



247.4920, 7.0620, -6.8420

Rectangle

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



245.1330, -19.6680, -6.9960



245.4650, -14.6710, -3.9430



245.3000, 8.0230, 3.2790



246.1660, 11.0960, -2.8560

Sweetspot

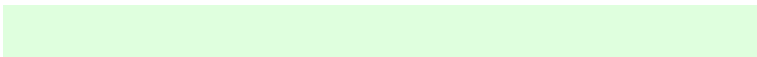
The Sweet Spot groups the original color and five complimentary colors.



245.1330, -19.6680, -6.9960



252.0100, -5.9600, -2.1200



241.6700, -8.4790, -17.0470



125.7930, -3.8510, -1.7950



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.



245.1330, -19.6680, -6.9960



242.7410, -24.4360, -8.6920



235.7410, -15.2680, 1.3720



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



44.8640, -38.1440, -13.5680

Inverse Universe

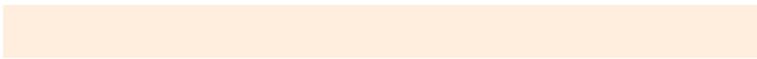
The Inverse Universe completely reimagines the original color for something new.



231.8670, 19.6680, 6.9960



226.2590, 24.4360, 8.6920



241.2590, 15.2680, -1.3720



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 245.1330, -19.6680, -6.9960 looks on a white background.

Color Contrast Check

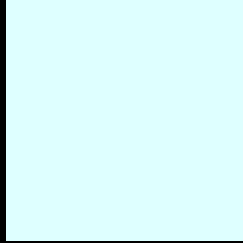
Large Text (above 18pt) WCAG AA × Fail

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 245.1330, -19.6680, -6.9960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

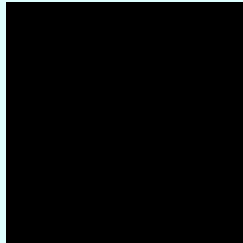
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 245.1330, -19.6680, -6.9960

Background



This preview shows how black text looks on a background with the YIQ color 245.1330, -19.6680, -6.9960.



This preview shows how white text looks on a background with the YIQ color 245.1330, -19.6680, -6.9960.

-6.9960.

Color Blindness Simulation

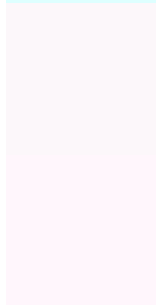
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

245.1330, -19.6680, -6.9960



Protanopia

248.8370, 2.0170, 1.9930

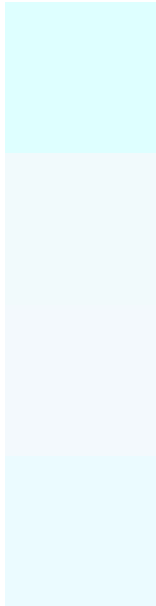
Deuteranopia

249.3750, 3.4380, 3.7740

Tritanopia

247.5910, -6.0980, 0.3820

Trichromacy



Original Color

245.1330, -19.6680, -6.9960

Protanomaly

247.5370, -6.0060, -1.2860

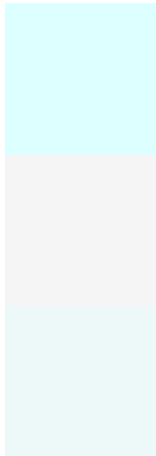
Deuteranomaly

247.6620, -4.8600, -0.0280

Tritanomaly

246.6720, -10.8200, -2.1480

Monochromacy



Original Color

245.1330, -19.6680, -6.9960

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.4120, -7.1520, -2.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.1330, -19.6680, -6.9960 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(222, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 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(222, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 255) }
```

Border

The CSS property to change the border of an element to YIQ 245.1330, -19.6680, -6.9960 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(222, 255, 255) }
```


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

```
.border{ border-color:rgb(222, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 245.1330, -19.6680, -6.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 255) }
```

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

```
.background{ background-color: rgb(222,  
255, 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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