

Converting Colors

YIQ(225.2030, -16.6890,
-0.4090)

Have a look what the booklet for
YIQ(225.2030, -16.6890, -0.4090)
contains.

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Color

**YIQ(225.2030, -16.6890,
-0.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E6F3
RGB	209, 230, 243
RGB Percent	82%, 90%, 95%
CMY	0.1804, 0.0980, 0.0471
CMYK	0.14, 0.05, 0.00, 0.05
HSL	203°, 59%, 89%
HSV	203°, 14%, 95%
XYZ	70.7655, 76.6222, 95.8384
YIQ	225.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

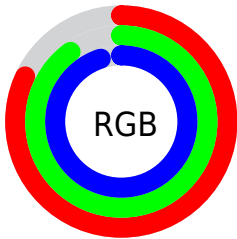
Format	Color
R _{YB}	209, 222, 243
Decimal	13756147
CIE Lab	90.15, -4.36, -8.66
CIE LCh	90, 9.693, 243.278
Yxy	76.6222, 0.2909, 0.3150
Android (android.graphics.Color)	4291946227 (0xFFD1E6F3)
YUV	225.2030, 8.7739, -14.2100
Hunter-Lab	87.5341, -8.8794, -3.6409

Details

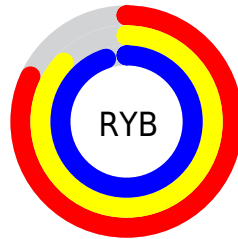
The YIQ color $225.2030, -16.6890, -0.4090$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.7970, 16.6890, 0.4090$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.0890, -16.3680, -0.7200$ is the 20% darker color. If you saturate the color by 10%, you get $212.7440, -28.5180, -0.7900$, and if you desaturate by 10%, it is $237.6620, -4.8600, -0.0280$.

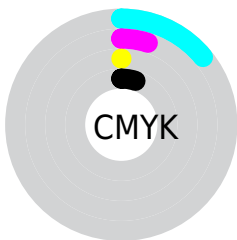
Distribution



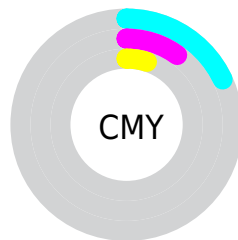
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.2030, -16.6890, -0.4090 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 225.2030, -16.6890, -0.4090 by changing the saturation by 10% instead.

■ 225.2030,
-16.6890, -0.4090

■ 225.2030,
-16.6890, -0.4090

255.0000, -0.0000,
-0.0000

■ 197.2030,
-16.6890, -0.4090

■ 170.0890,
-16.3680, -0.7200

■ 143.3880,
-15.7720, -0.5080

■ 117.6870,
-15.1760, -0.2960

■ 92.5730, -14.8550,
-0.6070

■ 69.4590, -14.5340,
-0.9180

■ 46.4590, -14.5340,

-0.9180

■ 25.3450, -14.2130,
-1.2290

■ 3.3400, -6.6490,
4.8630

■ 225.2030,
-16.6890, -0.4090

■ 225.2030,
-16.6890, -0.4090

■ 212.7440,
-28.5180, -0.7900

■ 237.6620, -4.8600,
-0.0280

■ 199.3990,
-40.6680, -0.8600

■ 250.1100, 5.5020,
-0.5940

■ 186.9400,
-52.4970, -1.2410

■ 253.6320, 3.8520,
-3.7320

■ 174.4810,
-64.3260, -1.6220

■ 162.0220,
-76.1550, -2.0030

■ 148.6770,
-88.3050, -2.0730

■ 136.2180,
-100.1340, -2.4540

■ 123.7590,
-111.9630, -2.8350

■ 115.7520,
-119.2530, -2.8770

Harmonies

Analogous

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



224.1980, -18.2930, -4.3810



225.2030, -16.6890, -0.4090



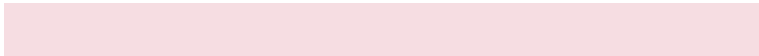
226.6600, -10.5460, 3.9020

Triad

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



225.2030, -16.6890, -0.4090



229.0450, 13.2950, 6.8550



225.1540, 2.2020, -6.8700

Complementary

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



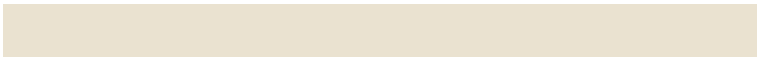
225.2030, -16.6890, -0.4090



226.7970, 16.6890, 0.4090

Split Complementary

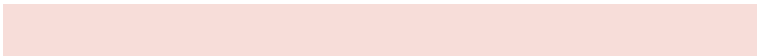
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.3400, 10.5460, -3.9020



225.2030, -16.6890, -0.4090



228.3180, 16.7800, 4.2680

Square

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



225.2030, -16.6890, -0.4090



228.8640, 6.5550, 7.8590



227.1990, 15.4970, -0.0150



224.7230, -6.8300, -8.3820

Rectangle

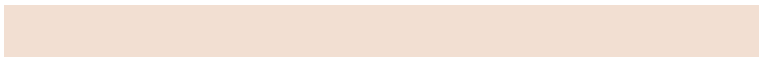
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.2030, -16.6890, -0.4090



227.4650, -5.5030, 6.1210



227.1990, 15.4970, -0.0150



225.6490, 5.1820, -5.8100

Sweetspot

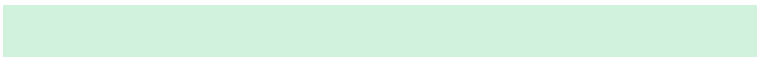
The Sweet Spot groups the original color and five complimentary colors.



225.2030, -16.6890, -0.4090



249.6620, -4.8600, -0.0280



230.3260, -13.2020, -14.0500



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



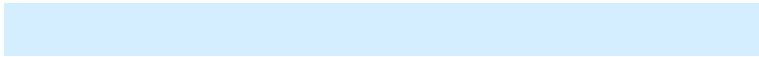
128.0000, -0.0000, -0.0000

Same Dimension

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



225.2030, -16.6890, -0.4090



232.1640, -20.9530, -0.2250



215.8110, -12.2890, 7.9590



116.0640, -6.0520, -0.4520



88.7090, -91.3310, -2.2990



27.8580, -28.8390, -0.4790

Inverse Universe

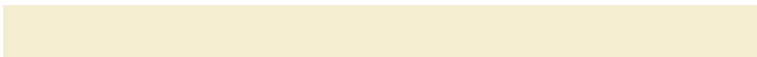
The Inverse Universe completely reimagines the original color for something new.



221.5600, 13.5230, 13.7390



227.8210, 17.2820, 17.2020



236.1890, 12.2890, -7.9590



114.5000, 4.5840, 5.0320



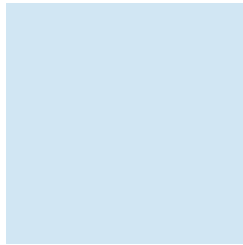
68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 225.2030, -16.6890, -0.4090 looks on a white background.

Color Contrast Check

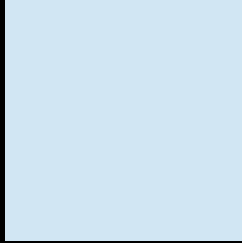
Large Text (above 18pt) WCAG AA × Fail

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 225.2030, -16.6890, -0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

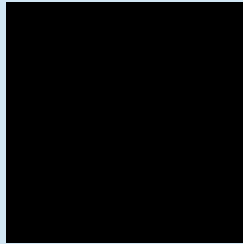
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

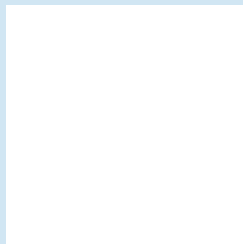
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.2030, -16.6890, -0.4090

Background



This preview shows how black text looks on a background with the YIQ color 225.2030, -16.6890, -0.4090.



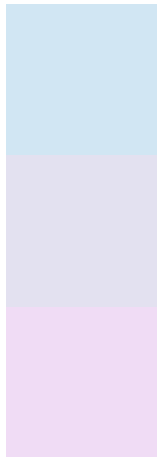
This preview shows how white text looks on a background with the YIQ color 225.2030, -16.6890, -0.4090.

-0.4090.

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

225.2030, -16.6890, -0.4090

Protanopia

227.3080, -3.6230, 5.0890

Deuteranopia

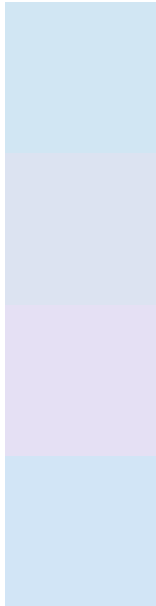
228.8300, 3.8950, 12.0150



Tritanopia

225.4850, -17.4230, 1.8810

Trichromacy



Original Color

225.2030, -16.6890, -0.4090

Protanomaly

226.5030, -8.6660, 2.8700

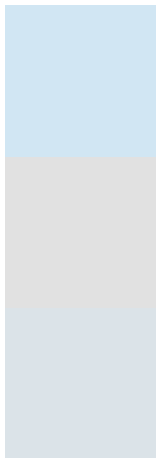
Deuteranomaly

227.7750, -3.4400, 7.2800

Tritanomaly

225.2570, -16.7810, 1.2590

Monochromacy



Original Color

225.2030, -16.6890, -0.4090

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1780, -6.3730, -0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.2030, -16.6890, -0.4090 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(209, 230, 243)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 243)  
}
```

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(209, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 243) }
```

Border

The CSS property to change the border of an element to YIQ 225.2030, -16.6890, -0.4090 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(209, 230, 243) }
```


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

```
.border{ border-color:rgb(209, 230, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 243);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 225.2030, -16.6890, -0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 243) }
```

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

```
.background{ background-color: rgb(209,  
230, 243) }
```

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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