

Converting Colors

YIQ(222.5170, -29.6170,
-8.4090)

Have a look what the booklet for
YIQ(222.5170, -29.6170, -8.4090)
contains.

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Color

**YIQ(222.5170, -29.6170,
-8.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	BDECF1
RGB	189, 236, 241
RGB Percent	74%, 93%, 95%
CMY	0.2589, 0.0744, 0.0550
CMYK	0.22, 0.02, 0.00, 0.06
HSL	186°, 65%, 84%
HSV	186°, 22%, 94%
XYZ	66.8531, 77.1666, 94.5660
YIQ	222.5170, -29.6170, -8.4090

Conversions

Conversions Part 2

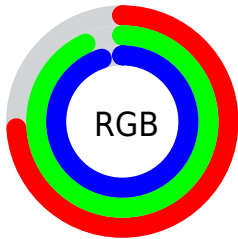
Format	Color
R _Y B	189, 214, 241
Decimal	12446961
CIE Lab	90.40, -13.95, -7.37
CIE LCh	90, 15.779, 207.860
Yxy	77.1666, 0.2802, 0.3234
Android (android.graphics.Color)	4290637041 (0xFFBDEC F1)
YUV	222.5170, 9.1121, -29.3944
Hunter-Lab	87.8445, -17.8825, -2.3354

Details

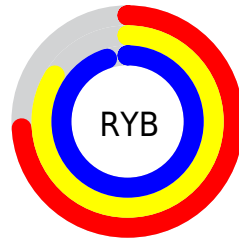
The YIQ color $222.5170, -29.6170, -8.4090$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $207.4830, 29.6170, 8.4090$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $167.1150, -28.4250, -7.9850$ is the 20% darker color. If you saturate the color by 10%, you get $214.1670, -43.3710, -12.4510$, and if you desaturate by 10%, it is $230.8670, -15.8630, -4.3670$.

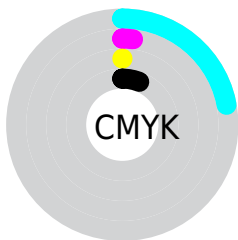
Distribution



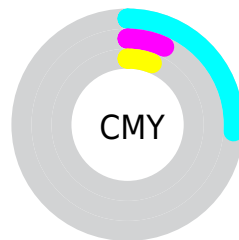
- Red (74%)
- Green (93%)
- Blue (95%)



- Red (74%)
- Yellow (84%)
- Blue (95%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (26%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.5170, -29.6170, -8.4090 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 222.5170, -29.6170, -8.4090 by changing the saturation by 10% instead.

■ 222.5170,
-29.6170, -8.4090

■ 222.5170,
-29.6170, -8.4090

■ 255.0000, -0.0000,
-0.0000

■ 194.5170,
-29.6170, -8.4090

■ 252.3090, -5.3640,
-1.9080

■ 167.1150,
-28.4250, -7.9850

■ 140.1150,
-28.4250, -7.9850

■ 114.4140,
-27.8290, -7.7730

■ 89.4140, -27.8290,
-7.7730

■ 65.1150, -28.4250,
-7.9850

■ 40.3210, -32.0010,

-9.2570

■ 24.2900, -21.5480,
-5.9640

■ 3.8130, -6.6030,
4.0290

■ 222.5170,
-29.6170, -8.4090

■ 222.5170,
-29.6170, -8.4090

■ 214.1670,
-43.3710, -12.4510

■ 230.8670,
-15.8630, -4.3670

■ 205.2300,
-56.8500, -15.9700

■ 239.8040, -2.3840,
-0.8480

■ 196.8800,
-70.6040, -20.0120

■ 246.3600, 7.7940,
1.9220

■ 188.5300,
-84.3580, -24.0540

■ 247.5340, 7.2440,
0.8760

■ 179.8810,
-98.7080, -28.3080

■ 248.7080, 6.6940,
-0.1700

■ 170.9440,
-112.1870, -31.8270

■ 250.4690, 5.8690,
-1.7390

■ 162.5940,
-125.9410, -35.8690

■ 251.6430, 5.3190,
-2.7850

■ 155.4400,
-137.3110, -39.0630

■ 252.8170, 4.7690,
-3.8310

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

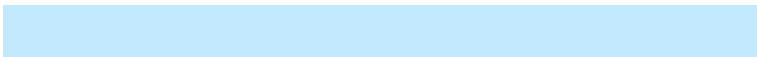
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3020, -21.8220, -12.0140



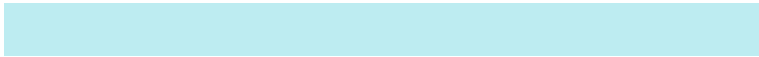
222.5170, -29.6170, -8.4090



223.9180, -29.0680, -1.8360

Triad

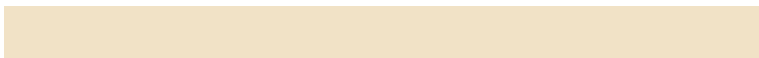
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.5170, -29.6170, -8.4090



230.5100, 7.7920, 12.9760



227.2930, 17.9280, -5.5280

Complementary

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



222.5170, -29.6170, -8.4090



207.4830, 29.6170, 8.4090

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.



228.7010, 25.7670, 1.0870



222.5170, -29.6170, -8.4090



229.7300, 18.7960, 11.7880

Square

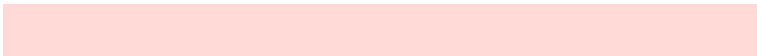
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.5170, -29.6170, -8.4090



228.9150, -6.6500, 10.3900



228.6070, 23.3360, 6.6000



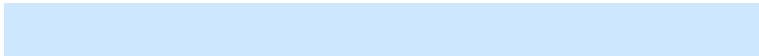
225.4870, 5.4580, -10.8140

Rectangle

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



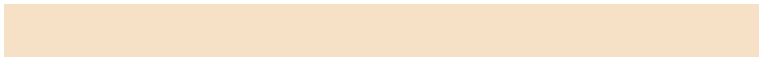
222.5170, -29.6170, -8.4090



225.6630, -23.7960, 1.7400



228.6070, 23.3360, 6.6000



227.6140, 21.4580, -3.4220

Sweetspot

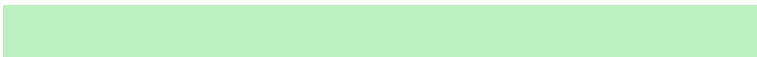
The Sweet Spot groups the original color and five complimentary colors.



222.5170, -29.6170, -8.4090



249.9280, -8.6650, -2.6570



219.9800, -15.5840, -25.9520



124.7220, -5.0890, -1.3850



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.



222.5170, -29.6170, -8.4090



231.7440, -37.6860, -10.8540



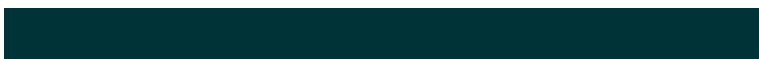
207.8420, -22.7420, 4.6660



115.8250, -6.8770, -2.0210



118.4180, -104.7140, -29.5940



36.3210, -32.0010, -9.2570

Inverse Universe

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



209.9060, 15.9050, 25.6410



215.5740, 20.0760, 32.6520



222.1580, 22.7420, -4.6660



112.8420, 3.6210, 5.9650



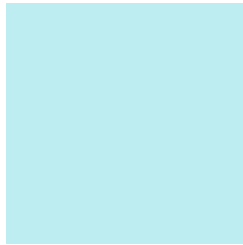
73.9400, 56.3780, 90.6340



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 222.5170, -29.6170, -8.4090 looks on a white background.

Color Contrast Check

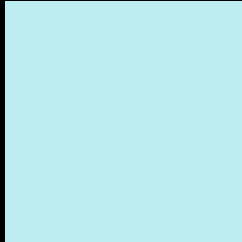
Large Text (above 18pt) WCAG AA × Fail

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 222.5170, -29.6170, -8.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

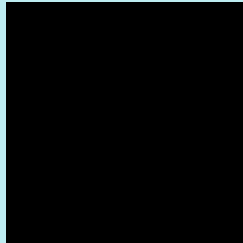
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.5170, -29.6170, -8.4090

Background



This preview shows how black text looks on a background with the YIQ color 222.5170, -29.6170, -8.4090.



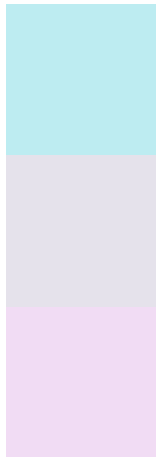
This preview shows how white text looks on a background with the YIQ color 222.5170, -29.6170, -8.4090.

-8.4090.

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

222.5170, -29.6170, -8.4090

Protanopia

227.9230, -1.1010, 3.4350

Deuteranopia

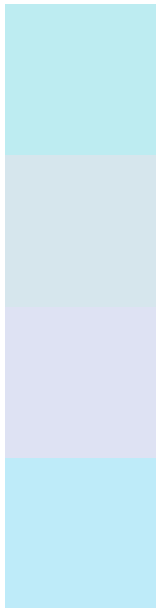
229.0150, 4.8120, 11.9160



Tritanopia

223.3090, -31.7270, -3.2070

Trichromacy



Original Color

222.5170, -29.6170, -8.4090

Protanomaly

226.0140, -11.7830, -1.2150

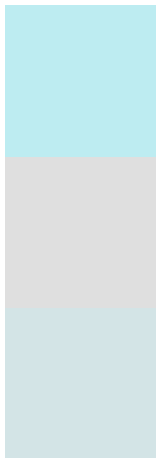
Deuteranomaly

226.7420, -7.8410, 4.4390

Tritanomaly

223.1410, -31.3140, -5.1860

Monochromacy



Original Color

222.5170, -29.6170, -8.4090

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.5170, -29.6170, -8.4090 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(189, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 241)  
}
```

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(189, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 241) }
```

Border

The CSS property to change the border of an element to YIQ 222.5170, -29.6170, -8.4090 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(189, 236, 241) }
```


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

```
.border{ border-color:rgb(189, 236, 241) }
```

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

Here you see how a box with a 4 pixel rgb(189, 236, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(189, 236,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 222.5170, -29.6170, -8.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 241) }
```

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

```
.background{ background-color: rgb(189,  
236, 241) }
```

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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