

Converting Colors

YIQ(214.7290, -24.1620,
-2.6420)

Have a look what the booklet for
YIQ(214.7290, -24.1620, -2.6420)
contains.

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Color

**YIQ(214.7290, -24.1620,
-2.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDFED
RGB	190, 223, 237
RGB Percent	75%, 87%, 93%
CMY	0.2550, 0.1254, 0.0707
CMYK	0.20, 0.06, 0.00, 0.07
HSL	198°, 57%, 84%
HSV	198°, 20%, 93%
XYZ	62.9042, 69.8405, 90.2651
YIQ	214.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

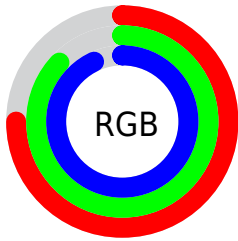
Format	Color
R _Y B	190, 209, 237
Decimal	12509165
CIE Lab	86.92, -7.88, -10.44
CIE LCh	87, 13.079, 232.926
Yxy	69.8405, 0.2821, 0.3132
Android (android.graphics.Color)	4290699245 (0xFFBEDFED)
YUV	214.7290, 10.9796, -21.6873
Hunter-Lab	83.5706, -11.8903, -5.5400

Details

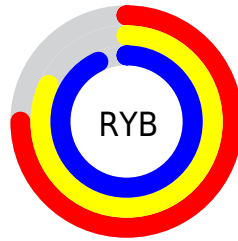
The YIQ color $214.7290, -24.1620, -2.6420$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $212.2710, 24.1620, 2.6420$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6080, -4.7680, -1.6960$, and $159.9140, -23.2450, -2.7410$ is the 20% darker color. If you saturate the color by 10%, you get $203.4440, -36.5410, -4.0690$, and if you desaturate by 10%, it is $226.0140, -11.7830, -1.2150$.

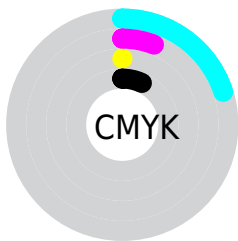
Distribution



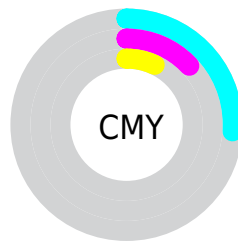
- Red (75%)
- Green (87%)
- Blue (93%)



- Red (75%)
- Yellow (82%)
- Blue (93%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (26%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.7290, -24.1620, -2.6420 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 214.7290, -24.1620, -2.6420 by changing the saturation by 10% instead.

■ 214.7290,
-24.1620, -2.6420

■ 214.7290,
-24.1620, -2.6420

■ 255.0000, -0.0000,
-0.0000

■ 187.0280,
-23.5660, -2.4300

■ 252.6080, -4.7680,
-1.6960

■ 159.9140,
-23.2450, -2.7410

■ 133.2130,
-22.6490, -2.5290

■ 108.0990,
-22.3280, -2.8400

■ 83.0990, -22.3280,
-2.8400

■ 59.9850, -22.0070,
-3.1510

■ 36.9740, -23.4740,

-4.0980

■ 18.6650, -18.1100,
-2.1900

■ 1.3680, -3.8520,
3.7320

■ 214.7290,
-24.1620, -2.6420

■ 214.7290,
-24.1620, -2.6420

■ 203.4440,
-36.5410, -4.0690

■ 226.0140,
-11.7830, -1.2150

■ 192.4580,
-48.3240, -5.2840

■ 237.0000, -0.0000,
-0.0000

■ 181.1730,
-60.7030, -6.7110

■ 246.4910, 8.8030,
0.1550

■ 169.8880,
-73.0820, -8.1380

■ 250.6000, 6.8780,
-3.5060

■ 158.6030,
-85.4610, -9.5650

■ 252.9480, 5.7780,
-5.5980

■ 147.6170,
-97.2440, -10.7800

■ 136.3320,
-109.6230, -12.2070

■ 125.0470,
-122.0020, -13.6340

Harmonies

Analogous

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



213.8660, -23.2900, -7.4340



214.7290, -24.1620, -2.6420



216.8270, -18.3860, 2.8140

Triad

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



214.7290, -24.1620, -2.6420



220.5230, 14.9450, 9.9930



216.2530, 6.2370, -8.4110

Complementary

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



214.7290, -24.1620, -2.6420



212.2710, 24.1620, 2.6420

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.



217.8630, 16.3230, -3.9730



214.7290, -24.1620, -2.6420



220.2370, 21.5020, 6.7980

Square

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



214.7290, -24.1620, -2.6420



220.0750, 4.5830, 10.5590



219.0750, 21.7780, 1.7940



214.6260, -5.1790, -10.7710

Rectangle

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



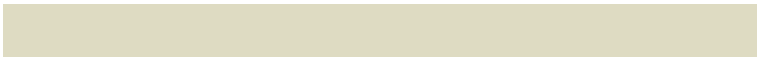
214.7290, -24.1620, -2.6420



218.0560, -11.6010, 6.5030



219.0750, 21.7780, 1.7940



217.0470, 9.8130, -7.1390

Sweetspot

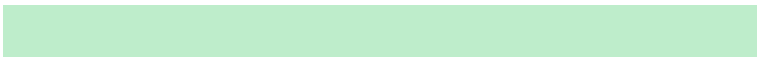
The Sweet Spot groups the original color and five complimentary colors.



214.7290, -24.1620, -2.6420



247.5800, -7.5650, -0.5650



219.0710, -17.0980, -20.5380



123.5480, -4.5390, -0.3390



0.0000, 0.0000, 0.0000



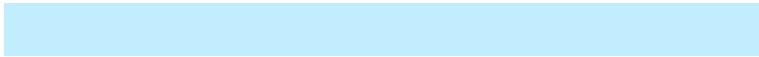
128.0000, -0.0000, -0.0000

Same Dimension

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



214.7290, -24.1620, -2.6420



226.1950, -31.4060, -3.5180



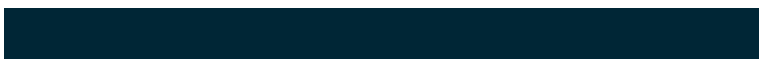
201.2280, -17.8370, 9.3870



111.9500, -5.7310, -0.7630



95.1830, -93.0260, -10.1300



28.4620, -27.7840, -3.0800

Inverse Universe

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



207.8150, 17.4190, 20.2270



217.1410, 22.5530, 26.3050



225.7720, 17.8370, -9.3870



110.2010, 3.9880, 4.8200



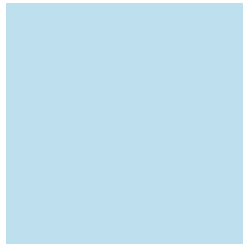
68.5970, 67.1090, 77.8690



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 214.7290, -24.1620, -2.6420 looks on a white background.

Color Contrast Check

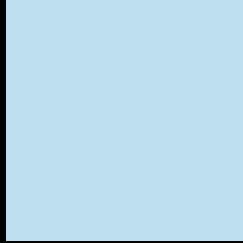
Large Text (above 18pt) WCAG AA × Fail

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 214.7290, -24.1620, -2.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

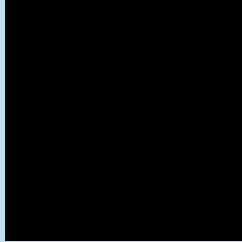
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.7290, -24.1620, -2.6420

Background



This preview shows how black text looks on a background with the YIQ color 214.7290, -24.1620, -2.6420.



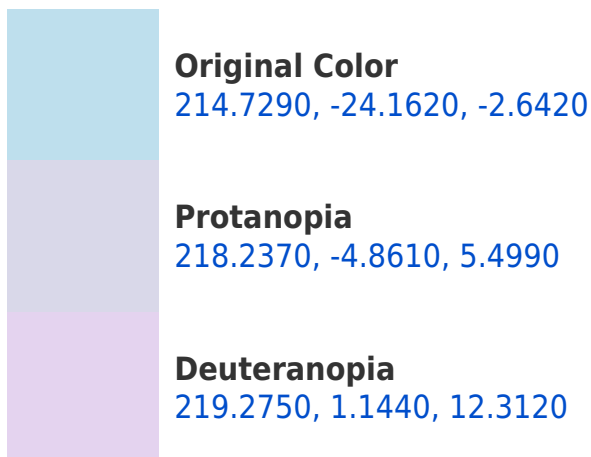
This preview shows how white text looks on a background with the YIQ color 214.7290, -24.1620, -2.6420.

-2.6420.

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

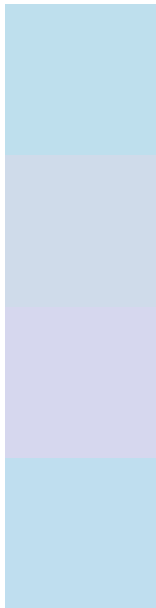




Tritanopia

214.7830, -24.2540, -0.9740

Trichromacy



Original Color

214.7290, -24.1620, -2.6420

Protanomaly

217.1220, -11.9670, 2.1210

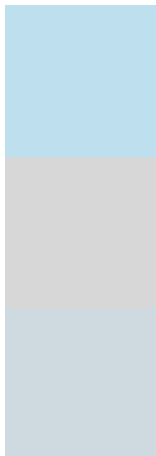
Deuteranomaly

217.3230, -7.9790, 6.9410

Tritanomaly

214.6690, -23.9330, -1.2850

Monochromacy



Original Color

214.7290, -24.1620, -2.6420

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.7290, -24.1620, -2.6420 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(190, 223, 237)` looks like.

```
.text, #text, p{  
    color:rgb(190, 223, 237)  
}
```

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(190, 223, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 223, 237) }
```

Border

The CSS property to change the border of an element to YIQ 214.7290, -24.1620, -2.6420 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(190, 223, 237) }
```


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

```
.border{ border-color:rgb(190, 223, 237) }
```

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

Here you see how a box with a 4 pixel rgb(190, 223, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 223, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 223, 237);  
box-shadow:4px 4px 4px 4px rgb(190, 223,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 214.7290, -24.1620, -2.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 223, 237) }
```

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

```
.background{ background-color: rgb(190,  
223, 237) }
```

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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