

Converting Colors

YIQ(207.8910, -24.4380, 2.3620)

Have a look what the booklet for
YIQ(207.8910, -24.4380, 2.3620)
contains.

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Color

**YIQ(207.8910, -24.4380,
2.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD5EF
RGB	186, 213, 239
RGB Percent	73%, 84%, 94%
CMY	0.2706, 0.1646, 0.0629
CMYK	0.22, 0.11, 0.00, 0.06
HSL	209°, 62%, 83%
HSV	209°, 22%, 94%
XYZ	59.6194, 64.2620, 90.8998
YIQ	207.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

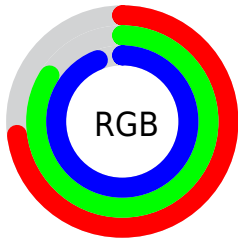
Format	Color
R _{YB}	186, 204, 239
Decimal	12244463
CIE Lab	84.10, -3.47, -15.73
CIE LCh	84, 16.108, 257.578
Yxy	64.2620, 0.2776, 0.2992
Android (android.graphics.Color)	4290434543 (0xFFBAD5EF)
YUV	207.8910, 15.3367, -19.1984
Hunter-Lab	80.1636, -7.5320, -11.1161

Details

The YIQ color $207.8910, -24.4380, 2.3620$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $217.1090, 24.4380, -2.3620$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4120, -7.1520, -2.5440$, and $153.0760, -23.5210, 2.2630$ is the 20% darker color. If you saturate the color by 10%, you get $193.6710, -35.4420, 3.5500$, and if you desaturate by 10%, it is $222.1110, -13.4340, 1.1740$.

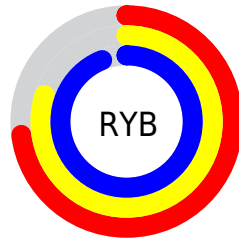
Distribution



Red (73%)

Green (84%)

Blue (94%)



Red (73%)

Yellow (80%)

Blue (94%)

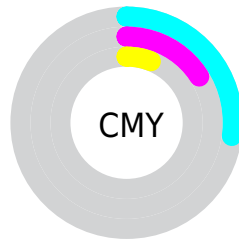


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (27%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.8910, -24.4380, 2.3620 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 207.8910, -24.4380, 2.3620 by changing the saturation by 10% instead.

■ 207.8910,
-24.4380, 2.3620

■ 207.8910,
-24.4380, 2.3620

■ 255.0000, -0.0000,
-0.0000

■ 180.1900,
-23.8420, 2.5740

■ 251.4120, -7.1520,
-2.5440

■ 153.0760,
-23.5210, 2.2630

■ 126.9620,
-23.2000, 1.9520

■ 101.8480,
-22.8790, 1.6410

■ 77.7340, -22.5580,
1.3300

■ 54.0220, -23.4290,
0.5950

■ 30.7120, -25.4920,

-0.5640

■ 14.6700, -16.5060,
1.7820

■ 2.0690, -4.4480,
3.5200

■ 207.8910,
-24.4380, 2.3620

■ 207.8910,
-24.4380, 2.3620

■ 193.6710,
-35.4420, 3.5500

■ 222.1110,
-13.4340, 1.1740

■ 180.0380,
-46.7210, 4.2150

■ 235.7440, -2.1550,
0.5090

■ 165.8180,
-57.7250, 5.4030

■ 249.0670, 7.0610,
-1.3150

■ 151.5980,
-68.7290, 6.5910

■ 253.1760, 5.1360,
-4.9760

■ 137.6770,
-79.1370, 7.9910

■ 124.0440,
-90.4160, 8.6560

■ 109.8240,
-101.4200, 9.8440

■ 98.8600,
-110.2690, 10.5230

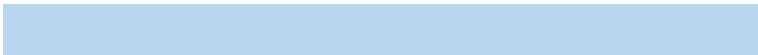
Harmonies

Analogous

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



205.5540, -31.0390, -4.6630



207.8910, -24.4380, 2.3620



210.6370, -11.7390, 9.0050

Triad

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



207.8910, -24.4380, 2.3620



212.6720, 24.7110, 9.2150



206.6430, -3.8490, -12.8490

Complementary

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



207.8910, -24.4380, 2.3620



217.1090, 24.4380, -2.3620

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.



208.4660, 9.9510, -9.6410



207.8910, -24.4380, 2.3620



211.4670, 26.5460, 3.4900

Square

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



207.8910, -24.4380, 2.3620



213.0010, 16.5950, 13.1310



210.2010, 21.1830, -3.9450



204.9280, -17.8330, -12.7210

Rectangle

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



207.8910, -24.4380, 2.3620



212.1930, -1.5610, 11.7750



210.2010, 21.1830, -3.9450



207.3940, 1.2860, -12.2980

Sweetspot

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



207.8910, -24.4380, 2.3620



244.3350, -8.2530, 0.8910



220.0750, -22.9210, -19.6330



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



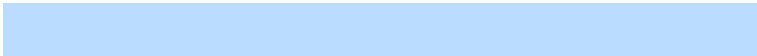
128.0000, -0.0000, -0.0000

Same Dimension

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



207.8910, -24.4380, 2.3620



214.4110, -31.7740, 3.1540



192.6290, -17.2880, 15.9600



112.8900, -5.5020, 0.5940



76.1540, -84.9140, 8.0620



23.4070, -25.9510, 2.2490

Inverse Universe

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



204.9250, 22.9210, 19.6330



210.6210, 29.8890, 25.5130



232.3710, 17.2880, -15.9600



112.2720, 5.2260, 4.4100



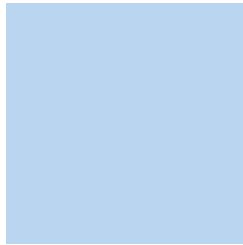
65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 207.8910, -24.4380, 2.3620 looks on a white background.

Color Contrast Check

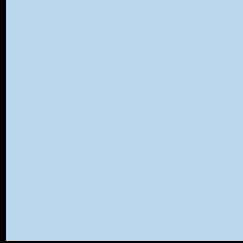
Large Text (above 18pt) WCAG AA × Fail

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 207.8910, -24.4380, 2.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

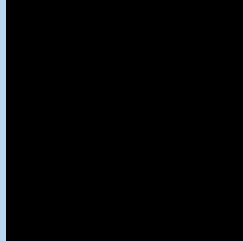
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

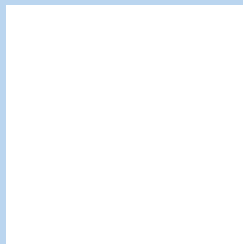
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 207.8910, -24.4380, 2.3620

Background



This preview shows how black text looks on a background with the YIQ color 207.8910, -24.4380, 2.3620.



This preview shows how white text looks on a background with the YIQ color 207.8910, -24.4380,

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

207.8910, -24.4380, 2.3620

Protanopia

210.2950, -10.7760, 8.0720

Deuteranopia

211.5070, -5.3210, 13.8390



Tritanopia

206.9680, -23.3370, -1.0730

Trichromacy



Original Color

207.8910, -24.4380, 2.3620

Protanomaly

209.4900, -15.8190, 5.8530

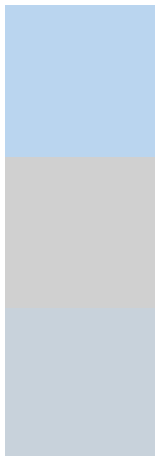
Deuteranomaly

209.8650, -12.3810, 9.6270

Tritanomaly

207.6090, -23.7040, 0.0720

Monochromacy



Original Color

207.8910, -24.4380, 2.3620

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0360, -8.8490, 0.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.8910, -24.4380, 2.3620 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(186, 213, 239)` looks like.

```
.text, #text, p{  
    color:rgb(186, 213, 239)  
}
```

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(186, 213, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 213, 239) }
```

Border

The CSS property to change the border of an element to YIQ 207.8910, -24.4380, 2.3620 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(186, 213, 239) }
```


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

```
.border{ border-color:rgb(186, 213, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 213, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 213, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 213, 239); box-shadow:4px 4px 4px 4px rgb(186, 213, 239) }
```

Background

The CSS property to change the background color of an element to YIQ 207.8910, -24.4380, 2.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 213, 239) }
```

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

```
.background{ background-color: rgb(186,  
213, 239) }
```

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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