

Converting Colors

YIQ(207.1250, -25.2170,
-0.0410)

Have a look what the booklet for
YIQ(207.1250, -25.2170, -0.0410)
contains.

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Color

**YIQ(207.1250, -25.2170,
-0.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D6EB
RGB	183, 214, 235
RGB Percent	72%, 84%, 92%
CMY	0.2824, 0.1607, 0.0785
CMYK	0.22, 0.09, 0.00, 0.08
HSL	204°, 56%, 82%
HSV	204°, 22%, 92%
XYZ	58.5657, 64.1616, 87.8725
YIQ	207.1250, -25.2170, -0.0410

Conversions

Conversions Part 2

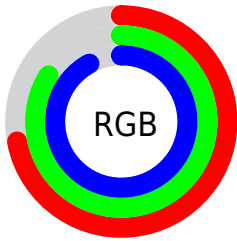
Format	Color
RYB	183, 202, 235
Decimal	12048107
CIELab	84.05, -5.78, -13.71
CIELCh	84, 14.874, 247.147
Yxy	64.1616, 0.2781, 0.3047
Android (android.graphics.Color)	4290238187 (0xFFB7D6EB)
YUV	207.1250, 13.7424, -21.1576
Hunter-Lab	80.1009, -9.6665, -8.9718

Details

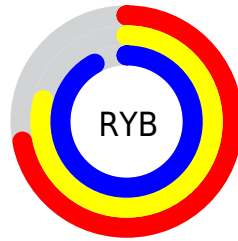
The YIQ color $207.1250, -25.2170, -0.0410$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $210.8750, 25.2170, 0.0410$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $250.5150, -8.9400, -3.1800$, and $152.3100, -24.3000, -0.1400$ is the 20% darker color. If you saturate the color by 10%, you get $194.6660, -37.0460, -0.4220$, and if you desaturate by 10%, it is $219.2850, -13.9840, 0.1280$.

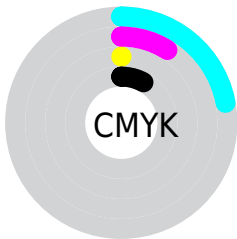
Distribution



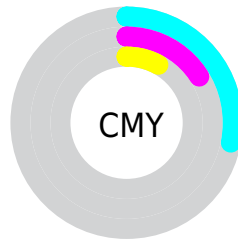
- Red (72%)
- Green (84%)
- Blue (92%)



- Red (72%)
- Yellow (79%)
- Blue (92%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (28%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.1250, -25.2170, -0.0410 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 207.1250, -25.2170, -0.0410 by changing the saturation by 10% instead.

■ 207.1250,
-25.2170, -0.0410

■ 207.1250,
-25.2170, -0.0410

■ 255.0000, -0.0000,
-0.0000

■ 179.4240,
-24.6210, 0.1710

■ 250.5150, -8.9400,
-3.1800

■ 152.3100,
-24.3000, -0.1400

■ 126.1960,
-23.9790, -0.4510

■ 101.0820,
-23.6580, -0.7620

■ 76.9680, -23.3370,
-1.0730

■ 53.5550, -23.6120,
-1.5960

■ 30.0600, -26.5920,

-2.6560

■ 14.9150, -15.8180,
0.3260

■ 0.9120, -2.5680,
2.4880

■ 207.1250,
-25.2170, -0.0410

■ 207.1250,
-25.2170, -0.0410

■ 194.6660,
-37.0460, -0.4220

■ 219.2850,
-13.9840, 0.1280

■ 181.9190,
-48.0040, -0.0680

■ 232.3310, -2.4300,
-0.0140

■ 169.4600,
-59.8330, -0.4490

■ 244.4910, 8.8030,
0.1550

■ 156.7130,
-70.7910, -0.0950

■ 250.9590, 7.2450,
-4.6510

■ 144.5530,
-82.0240, -0.2640

■ 252.7200, 6.4200,
-6.2200

■ 131.5070,
-93.5780, -0.1220

■ 119.3470,
-104.8110, -0.2910

■ 108.9700,
-113.9350, -0.1350

Harmonies

Analogous

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



205.1690, -28.5170, -6.3170



207.1250, -25.2170, -0.0410



209.7890, -15.2230, 6.0650

Triad

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



207.1250, -25.2170, -0.0410



212.4590, 20.9970, 10.4450



207.3340, 1.5150, -10.9410

Complementary

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



207.1250, -25.2170, -0.0410



210.8750, 25.2170, 0.0410

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.



209.2000, 13.7560, -7.0120



207.1250, -25.2170, -0.0410



211.4500, 25.2160, 5.5680

Square

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



207.1250, -25.2170, -0.0410



212.2500, 11.4600, 12.5800



210.3800, 22.2370, -1.0190



205.5650, -12.3770, -12.4810

Rectangle

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



207.1250, -25.2170, -0.0410



210.6870, -6.0080, 9.7680



210.3800, 22.2370, -1.0190



208.0140, 5.4120, -9.9800

Sweetspot

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



207.1250, -25.2170, -0.0410



245.5090, -8.8030, -0.1550



215.9180, -21.0410, -20.6650



121.7760, -5.1810, 0.2830



0.0000, 0.0000, 0.0000



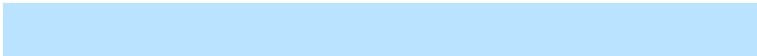
128.0000, -0.0000, -0.0000

Same Dimension

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



207.1250, -25.2170, -0.0410



217.9330, -33.4240, 0.0160



191.8630, -18.0670, 13.5570



111.3630, -5.4560, -0.2400



84.0300, -87.8010, -0.1930



24.9400, -26.1340, 0.0580

Inverse Universe

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



202.0820, 21.0410, 20.6650



211.3050, 27.9630, 27.3790



226.1370, 18.0670, -13.5570



110.0870, 4.3090, 4.5090



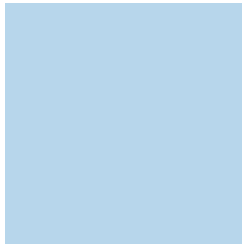
66.4310, 73.2080, 71.9600



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 207.1250, -25.2170, -0.0410 looks on a white background.

Color Contrast Check

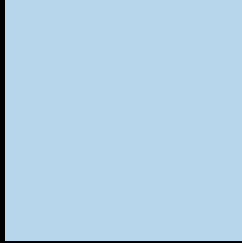
Large Text (above 18pt) WCAG AA × Fail

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 207.1250, -25.2170, -0.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

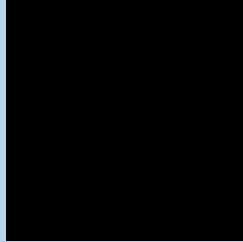
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

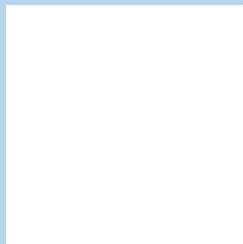
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 207.1250, -25.2170, -0.0410

Background



This preview shows how black text looks on a background with the YIQ color 207.1250, -25.2170, -0.0410.



This preview shows how white text looks on a background with the YIQ color 207.1250, -25.2170, -0.0410.

-0.0410.

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

207.1250, -25.2170, -0.0410

Protanopia

210.3230, -7.9790, 6.9410

Deuteranopia

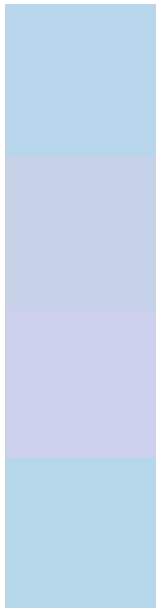
211.3500, -3.4410, 12.8070



Tritanopia

207.0710, -25.1250, -1.7090

Trichromacy



Original Color

207.1250, -25.2170, -0.0410

Protanomaly

208.9200, -14.2140, 4.2980

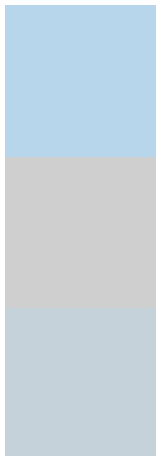
Deuteranomaly

209.9960, -11.3720, 7.8600

Tritanomaly

207.1850, -25.4460, -1.3980

Monochromacy



Original Color

207.1250, -25.2170, -0.0410

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.2100, -9.3990, -0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.1250, -25.2170, -0.0410 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(183, 214, 235)` looks like.

```
.text, #text, p{  
    color:rgb(183, 214, 235)  
}
```

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(183, 214, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 214, 235) }
```

Border

The CSS property to change the border of an element to YIQ 207.1250, -25.2170, -0.0410 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(183, 214, 235) }
```


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

```
.border{ border-color:rgb(183, 214, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 214, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 214, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 214, 235);  
box-shadow:4px 4px 4px 4px rgb(183, 214,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 207.1250, -25.2170, -0.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 214, 235) }
```

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

```
.background{ background-color: rgb(183,  
214, 235) }
```

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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