

Converting Colors

YIQ(203.7700, -6.1850,
-25.5850)

Have a look what the booklet for
YIQ(203.7700, -6.1850, -25.5850)
contains.

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Color

**YIQ(203.7700, -6.1850,
-25.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DEA7
RGB	182, 222, 167
RGB Percent	71%, 87%, 65%
CMY	0.2864, 0.1293, 0.3451
CMYK	0.18, 0.00, 0.25, 0.13
HSL	104°, 45%, 76%
HSV	104°, 25%, 87%
XYZ	52.3848, 64.9827, 46.3434
YIQ	203.7700, -6.1850, -25.5850

Conversions

Conversions Part 2

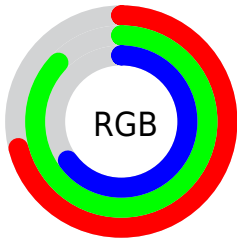
Format	Color
RYB	167, 222, 207
Decimal	11984551
CIELab	84.47, -23.14, 22.79
CIELCh	84, 32.475, 135.433
Yxy	64.9827, 0.3200, 0.3969
Android (android.graphics.Color)	4290174631 (0xFFB6DEA7)
YUV	203.7700, -18.1276, -19.0923
Hunter-Lab	80.6118, -25.0742, 22.3427

Details

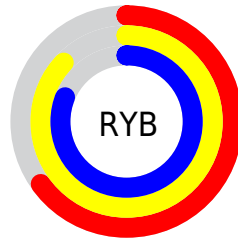
The YIQ color $203.7700, -6.1850, -25.5850$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $185.2300, 6.1850, 25.5850$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.1550, 0.4610, -13.8670$, and $149.4110, -6.5520, -24.4400$ is the 20% darker color. If you saturate the color by 10%, you get $196.4780, -8.6590, -35.8190$, and if you desaturate by 10%, it is $211.0620, -3.7110, -15.3510$.

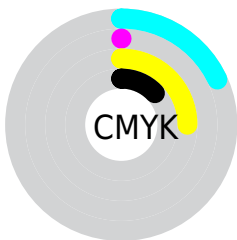
Distribution



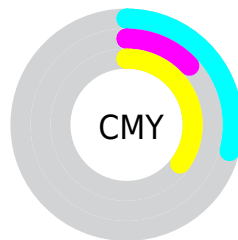
- Red (71%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.7700, -6.1850, -25.5850 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 203.7700, -6.1850, -25.5850 by changing the saturation by 10% instead.

■ 203.7700, -6.1850,
-25.5850

■ 203.7700, -6.1850,
-25.5850

255.0000, -0.0000,
-0.0000

■ 176.1830, -5.9100,
-25.0620

■ 246.1550, 0.4610,
-13.8670

■ 149.4110, -6.5520,
-24.4400

■ 254.5440, 1.2840,
-1.2440

■ 123.2370, -6.0020,
-23.3940

■ 98.3510, -6.3230,
-23.0830

■ 73.8780, -6.3690,
-22.2490

■ 50.1060, -7.0110,
-21.6270

■ 28.5190, -6.7360,

-21.1040

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 203.7700, -6.1850,
-25.5850

■ 203.7700, -6.1850,
-25.5850

■ 196.4780, -8.6590,
-35.8190

■ 211.0620, -3.7110,
-15.3510

■ 189.1860,
-11.1330, -46.0530

■ 218.3540, -1.2370,
-5.1170

■ 181.4810,
-13.8820, -56.8100

■ 225.7600, 0.9160,
5.4280

■ 174.1890,
-16.3560, -67.0440

■ 233.2370, 4.3070,
15.5630

■ 166.8970,
-18.8300, -77.2780

■ 235.6290, 9.0750,
17.2590

■ 159.6050,
-21.3040, -87.5120

■ 152.3130,
-23.7780, -97.7460

■ 148.2540,
-25.2900, -103.3860

Harmonies

Analogous

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



207.7150, 22.0110, -18.9570



203.7700, -6.1850, -25.5850



199.3180, -37.0870, -27.2230

Triad

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



203.7700, -6.1850, -25.5850



202.1850, -51.8090, -2.6970



209.5320, 37.0890, 16.1690

Complementary

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



203.7700, -6.1850, -25.5850



185.2300, 6.1850, 25.5850

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.



213.6530, 26.8630, 25.2870



203.7700, -6.1850, -25.5850



209.4710, -22.8350, 11.8610

Square

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



203.7700, -6.1850, -25.5850



196.7970, -71.5680, -13.5520



215.4470, 4.0760, 25.2600



209.2750, 44.7020, 4.8460

Rectangle

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



203.7700, -6.1850, -25.5850



196.6180, -55.4270, -25.2430



215.4470, 4.0760, 25.2600



210.0850, 34.1540, 19.8020

Sweetspot

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



203.7700, -6.1850, -25.5850



249.0610, -1.9700, -8.3540



206.3380, 22.0550, -8.7370



124.3540, -1.2370, -5.1170



0.0000, 0.0000, 0.0000



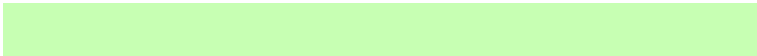
128.0000, -0.0000, -0.0000

Same Dimension

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



203.7700, -6.1850, -25.5850



229.5920, -8.9800, -35.5080



200.6530, -18.9770, -25.0330



108.3540, -1.2370, -5.1170



117.6640, -19.7920, -81.8720



32.0630, -5.4520, -22.3480

Inverse Universe

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



185.2300, 6.1850, 25.5850



204.1090, 8.3840, 35.2960



188.3470, 18.9770, 25.0330



104.6460, 1.2370, 5.1170



58.3360, 19.7920, 81.8720



15.9370, 5.4520, 22.3480

Previews

White Background



This preview shows how the YIQ color 203.7700, -6.1850, -25.5850 looks on a white background.

Color Contrast Check

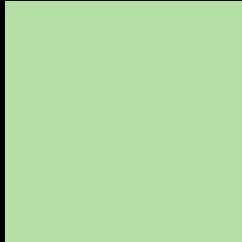
Large Text (above 18pt) WCAG AA × Fail

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 203.7700, -6.1850, -25.5850 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 203.7700, -6.1850, -25.5850

Background



This preview shows how black text looks on a background with the YIQ color 203.7700, -6.1850, -25.5850.



This preview shows how white text looks on a background with the YIQ color 203.7700, -6.1850,

-25.5850.

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

203.7700, -6.1850, -25.5850

Protanopia

208.8990, 24.6690, -12.0590

Deuteranopia

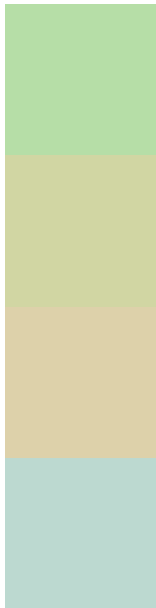
211.0240, 34.9830, -0.7370



Tritanopia

209.3600, -18.5690, 0.6230

Trichromacy



Original Color

203.7700, -6.1850, -25.5850

Protanomaly

206.6910, 13.3910, -16.9210

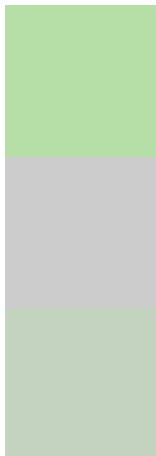
Deuteranomaly

208.1420, 19.6710, -9.5850

Tritanomaly

207.3030, -14.3950, -8.9470

Monochromacy



Original Color

203.7700, -6.1850, -25.5850

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7700, -6.1850, -25.5850 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(182, 222, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 222, 167)  
}
```

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(182, 222, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 222, 167) }
```

Border

The CSS property to change the border of an element to YIQ 203.7700, -6.1850, -25.5850 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(182, 222, 167) }
```


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

```
.border{ border-color:rgb(182, 222, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 222, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 222, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 222, 167); box-shadow:4px 4px 4px 4px rgb(182, 222, 167) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7700, -6.1850, -25.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 222, 167) }
```

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

```
.background{ background-color: rgb(182,  
222, 167) }
```

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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