

Converting Colors

YIQ(207.0010, 6.2860, -25.8260)

Have a look what the booklet for
YIQ(207.0010, 6.2860, -25.8260)
contains.

- YIQ(207.0010, 6.2860, -25.8260) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YIQ(207.0010, 6.2860,
-25.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DE9C
RGB	197, 222, 156
RGB Percent	77%, 87%, 61%
CMY	0.2275, 0.1294, 0.3882
CMYK	0.11, 0.00, 0.30, 0.13
HSL	83°, 50%, 74%
HSV	83°, 30%, 87%
XYZ	55.1457, 66.5159, 41.3935
YIQ	207.0010, 6.2860, -25.8260

Conversions

Conversions Part 2

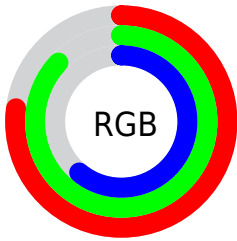
Format	Color
RYB	156, 222, 181
Decimal	12967580
CIELab	85.26, -19.44, 29.70
CIELCh	85, 35.495, 123.202
Yxy	66.5159, 0.3382, 0.4079
Android (android.graphics.Color)	4291157660 (0xFFC5DE9C)
YUV	207.0010, -25.1435, -8.7709
Hunter-Lab	81.5573, -22.0308, 26.9981

Details

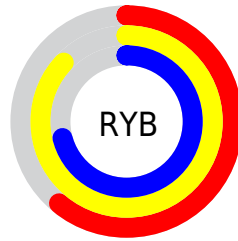
The YIQ color **207.0010, 6.2860, -25.8260** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170.9990, -6.2860, 25.8260**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.6850, 13.5280, -13.8960**, and **152.3430, 5.3230, -24.8930** is the 20% darker color. If you saturate the color by 10%, you get **202.1010, 8.5800, -34.3640**, and if you desaturate by 10%, it is **211.9010, 3.9920, -17.2880**.

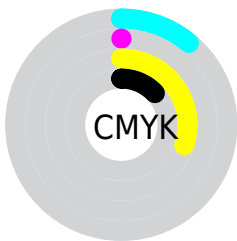
Distribution



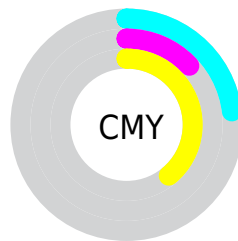
- Red (77%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.0010, 6.2860, -25.8260 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 207.0010, 6.2860, -25.8260 by changing the saturation by 10% instead.

■ 207.0010, 6.2860,
-25.8260

■ 207.0010, 6.2860,
-25.8260

■ 255.0000, -0.0000,
-0.0000

■ 179.2290, 5.6440,
-25.2040

■ 249.6850, 13.5280,
-13.8960

■ 152.3430, 5.3230,
-24.8930

■ 253.1760, 5.1360,
-4.9760

■ 125.8700, 5.2770,
-24.0590

■ 101.0980, 4.6350,
-23.4370

■ 76.3260, 3.9930,
-22.8150

■ 53.2120, 4.3140,
-23.1260

■ 32.1070, 0.4160,

-18.5600

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 207.0010, 6.2860,
-25.8260

■ 207.0010, 6.2860,
-25.8260

■ 202.1010, 8.5800,
-34.3640

■ 211.9010, 3.9920,
-17.2880

■ 196.9020, 10.2780,
-43.1140

■ 217.1000, 2.2940,
-8.5380

■ 191.8880, 12.8930,
-51.9630

■ 222.1140, -0.3210,
0.3110

■ 186.6890, 14.5910,
-60.7130

■ 227.3130, -2.0190,
9.0610

■ 181.7890, 16.8850,
-69.2510

■ 230.8450, -0.4610,
13.8670

■ 176.5900, 18.5830,
-78.0010

■ 233.5360, 4.9030,
15.7750

■ 171.6900, 20.8770,
-86.5390

■ 235.6290, 9.0750,
17.2590

■ 171.5760, 21.1980,
-86.8500

Harmonies

Analogous

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



210.7550, 33.7020, -16.0740



207.0010, 6.2860, -25.8260



202.4130, -27.2290, -29.6690

Triad

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



207.0010, 6.2860, -25.8260



199.1180, -68.0380, -11.4460



210.6550, 32.5490, 21.3570

Complementary

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



207.0010, 6.2860, -25.8260



170.9990, -6.2860, 25.8260

Split Complementary

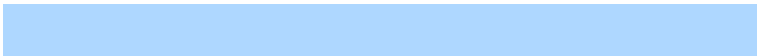
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.3520, 20.5810, 29.0050



207.0010, 6.2860, -25.8260



207.3010, -37.2760, 3.7480

Square

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



207.0010, 6.2860, -25.8260



194.7910, -80.5990, -20.5910



214.6090, -5.3680, 20.2000



208.6540, 42.3170, 9.5250

Rectangle

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



207.0010, 6.2860, -25.8260



198.6200, -49.7410, -29.1730



214.6090, -5.3680, 20.2000



212.4960, 28.7430, 24.2550

Sweetspot

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



207.0010, 6.2860, -25.8260



249.6870, 2.0190, -9.0610



189.8220, 32.7360, 1.4400



124.4960, 1.2390, -5.9370



0.0000, 0.0000, 0.0000



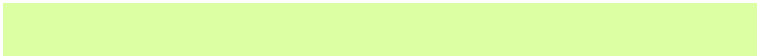
128.0000, -0.0000, -0.0000

Same Dimension

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



207.0010, 6.2860, -25.8260



234.0470, 8.6720, -36.0320



197.4330, -12.7860, -32.6100



109.5500, 1.1470, -4.2690



135.9030, 16.5640, -68.9400



37.1460, 4.6800, -18.7440

Inverse Universe

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



170.9990, -6.2860, 25.8260



183.9530, -8.6720, 36.0320



180.5670, 12.7860, 32.6100



103.4500, -1.1470, 4.2690



40.0970, -16.5640, 68.9400



10.8540, -4.6800, 18.7440

Previews

White Background



This preview shows how the YIQ color 207.0010, 6.2860, -25.8260 looks on a white background.

Color Contrast Check

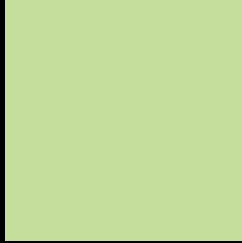
Large Text (above 18pt) WCAG AA × Fail

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 207.0010, 6.2860, -25.8260 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 207.0010, 6.2860, -25.8260

Background



This preview shows how black text looks on a background with the YIQ color 207.0010, 6.2860, -25.8260.



This preview shows how white text looks on a background with the YIQ color 207.0010, 6.2860, -25.8260.

-25.8260.

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
Protanopia
Deuteranopia

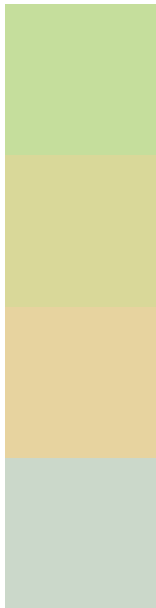
207.0010, 6.2860, -25.8260
210.2430, 29.3920, -15.0560
213.0370, 42.1360, -3.7200



Tritanopia

213.0300, -8.7120, 3.7040

Trichromacy



Original Color

207.0010, 6.2860, -25.8260

Protanomaly

209.1170, 20.8190, -19.3810

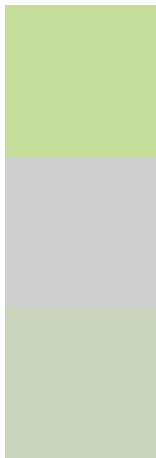
Deuteranomaly

211.0520, 28.6120, -11.9320

Tritanomaly

210.5170, -3.2540, -7.1100

Monochromacy



Original Color

207.0010, 6.2860, -25.8260

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.5730, 2.3400, -9.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.0010, 6.2860, -25.8260 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(197, 222, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 156)  
}
```

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(197, 222, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 156) }
```

Border

The CSS property to change the border of an element to YIQ 207.0010, 6.2860, -25.8260 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(197, 222, 156) }
```


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

```
.border{ border-color:rgb(197, 222, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 207.0010, 6.2860, -25.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 156) }
```

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

```
.background{ background-color: rgb(197,  
222, 156) }
```

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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