

Converting Colors

YIQ(205.5860, 27.8290, 7.7730)

Have a look what the booklet for
YIQ(205.5860, 27.8290, 7.7730)
contains.

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Color

**YIQ(205.5860, 27.8290,
7.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC1BC
RGB	237, 193, 188
RGB Percent	93%, 76%, 74%
CMY	0.0705, 0.2432, 0.2626
CMYK	0.00, 0.19, 0.21, 0.07
HSL	6°, 58%, 83%
HSV	6°, 21%, 93%
XYZ	63.0798, 59.7728, 55.8061
YIQ	205.5860, 27.8290, 7.7730

Conversions

Conversions Part 2

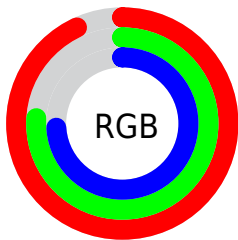
Format	Color
R_{YB}	237, 194, 188
Decimal	15581628
CIE _{Lab}	81.71, 14.95, 8.42
CIE _{LCh}	82, 17.158, 29.380
Yxy	59.7728, 0.3531, 0.3346
Android (android.graphics.Color)	4293771708 (0xFFEDC1BC)
YUV	205.5860, -8.6699, 27.5501
Hunter-Lab	77.3129, 10.3411, 11.3222

Details

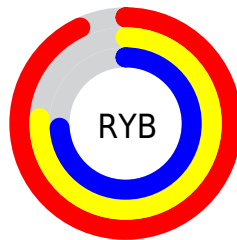
The YIQ color **205.5860, 27.8290, 7.7730** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219.4140, -27.8290, -7.7730**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8110, 4.9060, -0.8060**, and **150.8030, 25.7200, 7.4480** is the 20% darker color. If you saturate the color by 10%, you get **190.5230, 41.3080, 11.2920**, and if you desaturate by 10%, it is **220.6490, 14.3500, 4.2540**.

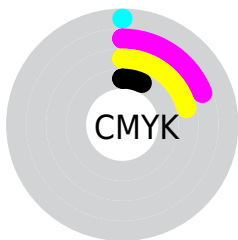
Distribution



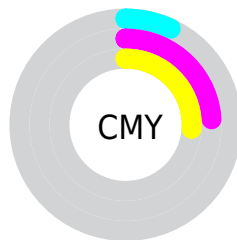
- Red (93%)
- Green (76%)
- Blue (74%)



- Red (93%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (21%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.5860, 27.8290, 7.7730 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 205.5860, 27.8290, 7.7730 by changing the saturation by 10% instead.


 205.5860, 27.8290,
7.7730


 205.5860, 27.8290,
7.7730


255.0000, -0.0000,
-0.0000


 177.9880, 26.6370,
7.3490


 250.8110, 4.9060,
-0.8060

 150.8030, 25.7200,
7.4480

 125.2050, 24.5280,
7.0240

 99.9060, 23.9320,
6.8120

 76.0090, 22.1440,
6.1760

 52.5250, 20.6310,
6.0630

 30.7420, 18.5220,

5.7380

■ 9.5680, 19.0720,
6.7840

■ 0.0000, 0.0000,
0.0000

■ 205.5860, 27.8290,
7.7730

■ 205.5860, 27.8290,
7.7730

■ 190.5230, 41.3080,
11.2920

■ 220.6490, 14.3500,
4.2540

■ 174.9870, 54.7410,
15.6450

■ 236.1850, 0.9170,
-0.0990

■ 159.9240, 68.2200,
19.1640

■ 249.6180,
-10.7280, -3.8160

■ 144.8610, 81.6990,
22.6830

■ 129.3250, 95.1320,
27.0360

■ 114.2620,
108.6110, 30.5550

■ 99.1990, 122.0900,
34.0740

■ 84.9510, 134.6520,
37.6920

Harmonies

Analogous

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



206.2250, 21.7760, 12.8480



205.5860, 27.8290, 7.7730



204.4730, 26.4090, 0.4650

Triad

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



205.5860, 27.8290, 7.7730



198.8810, -10.4510, -14.3470



202.4400, -21.5500, 5.0900

Complementary

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



205.5860, 27.8290, 7.7730



219.4140, -27.8290, -7.7730

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.



199.1350, -31.1770, -2.1610



205.5860, 27.8290, 7.7730



197.6930, -24.4810, -13.3850

Square

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



205.5860, 27.8290, 7.7730



200.9600, 5.5040, -11.6480



197.4350, -32.3220, -8.9460



204.7410, -6.1000, 11.4360

Rectangle

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



205.5860, 27.8290, 7.7730



203.3860, 22.1000, -4.0440



197.4350, -32.3220, -8.9460



201.1190, -25.0800, 2.9840

Sweetspot

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



205.5860, 27.8290, 7.7730



245.0720, 8.6650, 2.6570



207.6670, 15.0800, 24.0720



121.6910, 5.3640, 1.9080



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.



205.5860, 27.8290, 7.7730



214.2450, 36.2190, 9.9070



219.6740, 21.2290, -4.7790



109.8760, 6.2810, 1.8090



64.6850, 102.9260, 28.9580



19.0810, 30.8090, 8.8330

Inverse Universe

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



219.4140, -27.8290, -7.7730



232.3420, -36.4940, -10.4300



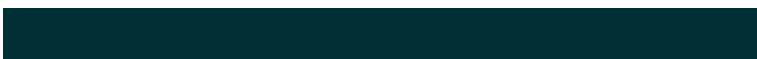
205.3260, -21.2290, 4.7790



113.1240, -6.2810, -1.8090



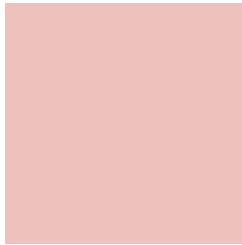
116.3150, -102.9260, -28.9580



34.3320, -30.5340, -8.3100

Previews

White Background



This preview shows how the YIQ color 205.5860, 27.8290, 7.7730 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 205.5860, 27.8290, 7.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

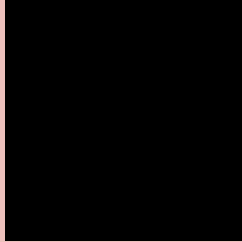
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.5860, 27.8290, 7.7730

Background



This preview shows how black text looks on a background with the YIQ color 205.5860, 27.8290, 7.7730.



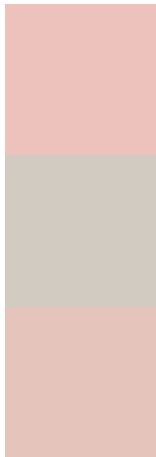
This preview shows how white text looks on a background with the YIQ color 205.5860, 27.8290,

7.7730.

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

205.5860, 27.8290, 7.7730

Protanopia

203.6540, 6.7860, -1.8380

Deuteranopia

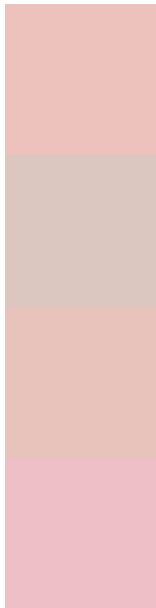
204.8410, 22.5570, 4.1970



Tritanopia

206.3610, 24.3890, 15.0530

Trichromacy



Original Color

205.5860, 27.8290, 7.7730

Protanomaly

204.0680, 14.4880, 1.7520

Deuteranomaly

205.1510, 24.6200, 5.3560

Tritanomaly

205.9650, 25.4440, 12.4520

Monochromacy



Original Color

205.5860, 27.8290, 7.7730

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.5560, 10.1780, 2.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5860, 27.8290, 7.7730 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(237, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 188)  
}
```

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(237, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 188) }
```

Border

The CSS property to change the border of an element to YIQ 205.5860, 27.8290, 7.7730 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(237, 193, 188) }
```


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

```
.border{ border-color:rgb(237, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 193, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 193, 188); box-shadow:4px 4px 4px 4px rgb(237, 193, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5860, 27.8290, 7.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 188) }
```

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

```
.background{ background-color: rgb(237,  
193, 188) }
```

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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