

Converting Colors

YIQ(202.9860, 20.9510, 11.2790)

Have a look what the booklet for
YIQ(202.9860, 20.9510, 11.2790)
contains.

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Color

**YIQ(202.9860, 20.9510,
11.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BEC7
RGB	230, 190, 199
RGB Percent	90%, 75%, 78%
CMY	0.0979, 0.2549, 0.2195
CMYK	0.00, 0.17, 0.13, 0.10
HSL	346°, 44%, 82%
HSV	346°, 17%, 90%
XYZ	61.3623, 57.7713, 61.9615
YIQ	202.9860, 20.9510, 11.2790

Conversions

Conversions Part 2

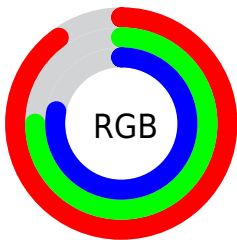
Format	Color
R _Y B	230, 190, 199
Decimal	15122119
CIE Lab	80.61, 15.71, 0.84
CIE LCh	81, 15.733, 3.044
Yxy	57.7713, 0.3388, 0.3190
Android (android.graphics.Color)	4293312199 (0xFFE6BEC7)
YUV	202.9860, -1.9651, 23.6913
Hunter-Lab	76.0074, 11.0934, 4.8718

Details

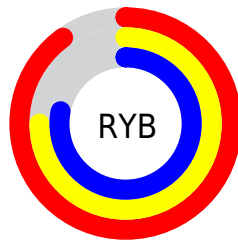
The YIQ color **202.9860, 20.9510, 11.2790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217.0140, -20.9510, -11.2790**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.7170, 2.4750, 4.7070**, and **148.9750, 19.4840, 10.3320** is the 20% darker color. If you saturate the color by 10%, you get **187.4330, 33.0540, 17.7100**, and if you desaturate by 10%, it is **218.5390, 8.8480, 4.8480**.

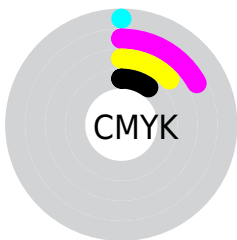
Distribution



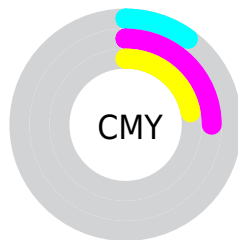
- Red (90%)
- Green (75%)
- Blue (78%)



- Red (90%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9860, 20.9510, 11.2790 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 202.9860, 20.9510, 11.2790 by changing the saturation by 10% instead.

■ 202.9860, 20.9510,
11.2790

■ 202.9860, 20.9510,
11.2790

255.0000, -0.0000,
-0.0000

■ 175.6870, 20.3550,
11.0670

■ 249.7170, 2.4750,
4.7070

■ 148.3880, 19.7590,
10.8550

■ 122.7900, 18.5670,
10.4310

■ 97.4910, 17.9710,
10.2190

■ 73.7790, 17.1000,
9.4840

■ 51.1810, 15.9080,
9.0600

■ 29.2840, 14.1200,

8.4240

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 202.9860, 20.9510,
11.2790

■ 202.9860, 20.9510,
11.2790

■ 187.4330, 33.0540,
17.7100

■ 218.5390, 8.8480,
4.8480

■ 171.8800, 45.1570,
24.1410

■ 234.0920, -3.2550,
-1.5830

■ 156.4410, 56.9390,
30.8830

■ 247.1830,
-13.9370, -6.2330

■ 140.8880, 69.0420,
37.3140

■ 247.5250,
-14.9000, -5.3000

■ 125.3350, 81.1450,
43.7450

■ 109.7820, 93.2480,
50.1760

■ 94.2290, 105.3510,
56.6070

■ 78.7900, 117.1330,
63.3490

■ 74.6980, 120.3880,
64.9320

Harmonies

Analogous

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



203.1790, 10.2220, 12.9900



202.9860, 20.9510, 11.2790



202.2760, 25.7660, 6.6140

Triad

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



202.9860, 20.9510, 11.2790



197.7040, 3.3490, -11.1390



196.9290, -27.6010, -0.8890

Complementary

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



202.9860, 20.9510, 11.2790



217.0140, -20.9510, -11.2790

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.



195.0440, -29.6630, -7.5750



202.9860, 20.9510, 11.2790



195.9350, -10.5430, -12.6790

Square

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



202.9860, 20.9510, 11.2790



199.0970, 15.5440, -6.3760



195.2310, -23.0600, -11.6040



199.7070, -17.9280, 5.5280

Rectangle

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



202.9860, 20.9510, 11.2790



201.3420, 25.4000, 2.2320



195.2310, -23.0600, -11.6040



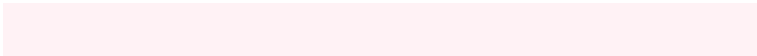
195.9780, -29.2970, -3.1930

Sweetspot

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



202.9860, 20.9510, 11.2790



246.2290, 6.7850, 3.6890



203.8290, 5.6360, 19.0120



122.6200, 4.1260, 2.3180



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.



202.9860, 20.9510, 11.2790



218.6280, 28.0110, 15.4910



208.4170, 20.8150, 2.7270



106.9300, 6.1890, 3.4770



58.0810, 93.8440, 50.3880



16.6170, 26.5440, 14.5440

Inverse Universe

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



202.9860, 20.9510, 11.2790



218.6280, 28.0110, 15.4910



211.5830, -20.8150, -2.7270



106.9300, 6.1890, 3.4770



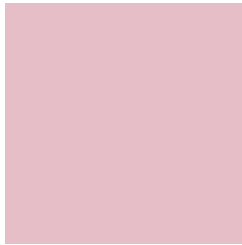
58.0810, 93.8440, 50.3880



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 202.9860, 20.9510, 11.2790 looks on a white background.

Color Contrast Check

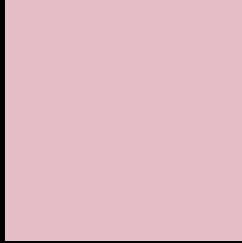
Large Text (above 18pt) WCAG AA × Fail

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 202.9860, 20.9510, 11.2790 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 202.9860, 20.9510, 11.2790

Background



This preview shows how black text looks on a background with the YIQ color 202.9860, 20.9510, 11.2790.



This preview shows how white text looks on a background with the YIQ color 202.9860, 20.9510,

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

202.9860, 20.9510, 11.2790

Protanopia

200.7660, 0.7790, 2.4030

Deuteranopia

202.2300, 14.2120, 6.7560



Tritanopia

203.2680, 20.2170, 13.5690

Trichromacy



Original Color

202.9860, 20.9510, 11.2790

Protanomaly

201.7670, 8.2060, 5.4700

Deuteranomaly

202.8390, 16.8710, 8.1270

Tritanomaly

203.0400, 20.8590, 12.9470

Monochromacy



Original Color

202.9860, 20.9510, 11.2790

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9860, 20.9510, 11.2790 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(230, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 199)  
}
```

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(230, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 199) }
```

Border

The CSS property to change the border of an element to YIQ 202.9860, 20.9510, 11.2790 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(230, 190, 199) }
```


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

```
.border{ border-color:rgb(230, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9860, 20.9510, 11.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 199) }
```

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

```
.background{ background-color: rgb(230,  
190, 199) }
```

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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