

Converting Colors

YIQ(205.8110, 31.2690, 0.4930)

Have a look what the booklet for
YIQ(205.8110, 31.2690, 0.4930)
contains.

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Color

**YIQ(205.8110, 31.2690,
0.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC5AC
RGB	236, 197, 172
RGB Percent	93%, 77%, 67%
CMY	0.0744, 0.2275, 0.3253
CMYK	0.00, 0.17, 0.27, 0.07
HSL	23°, 63%, 80%
HSV	23°, 27%, 93%
XYZ	62.0110, 60.7412, 47.5040
YIQ	205.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

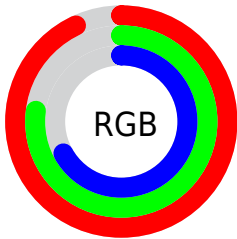
Format	Color
R_{YB}	236, 213, 172
Decimal	15517100
CIE _{Lab}	82.24, 10.21, 17.69
CIE _{LCh}	82, 20.425, 60.003
Yxy	60.7412, 0.3642, 0.3568
Android (android.graphics.Color)	4293707180 (0xFFECC5AC)
YUV	205.8110, -16.6688, 26.4758
Hunter-Lab	77.9367, 5.6360, 18.4172

Details

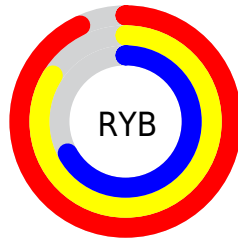
The YIQ color $205.8110, 31.2690, 0.4930$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $202.1890, -31.2690, -0.4930$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2210, 9.2630, -8.1850$, and $151.1420, 28.8390, 0.4790$ is the 20% darker color. If you saturate the color by 10%, you get $194.8570, 42.8230, 0.3510$, and if you desaturate by 10%, it is $216.7650, 19.7150, 0.6350$.

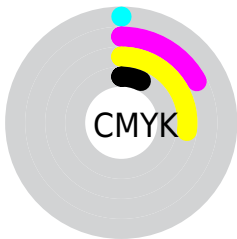
Distribution



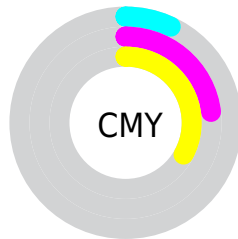
- Red (93%)
- Green (77%)
- Blue (67%)



- Red (93%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.8110, 31.2690, 0.4930 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 205.8110, 31.2690, 0.4930 by changing the saturation by 10% instead.


 205.8110, 31.2690,
0.4930


 205.8110, 31.2690,
0.4930


255.0000, -0.0000,
-0.0000


 178.2130, 30.0770,
0.0690


 251.2210, 9.2630,
-8.1850

 151.1420, 28.8390,
0.4790

 125.5440, 27.6470,
0.0550

 100.0600, 26.1340,
-0.0580

 75.8750, 25.2170,
0.0410

 53.0920, 23.1080,
-0.2840

 30.7390, 22.6040,

-2.1640

■ 8.3720, 16.6880,
5.9360

■ 0.0000, 0.0000,
0.0000

■ 205.8110, 31.2690,
0.4930

■ 205.8110, 31.2690,
0.4930

■ 194.8570, 42.8230,
0.3510

■ 216.7650, 19.7150,
0.6350

■ 183.4300, 54.3310,
1.0430

■ 228.1920, 8.2070,
-0.0570

■ 172.4760, 65.8850,
0.9010

■ 239.1460, -3.3470,
0.0850

■ 161.0490, 77.3930,
1.5930

■ 249.3190,
-11.3240, -4.0280

■ 150.0950, 88.9470,
1.4510

■ 139.1410,
100.5010, 1.3090

■ 127.7140,
112.0090, 2.0010

■ 124.5680,
115.3560, 1.9160

Harmonies

Analogous

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



206.8640, 32.9180, 9.1580



205.8110, 31.2690, 0.4930



203.8650, 22.0090, -7.9030

Triad

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



205.8110, 31.2690, 0.4930



197.8880, -29.5240, -15.6040



206.7240, -7.4300, 13.5140

Complementary

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



205.8110, 31.2690, 0.4930



202.1890, -31.2690, -0.4930

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.



203.2270, -25.2640, 6.3200



205.8110, 31.2690, 0.4930



197.3740, -39.5200, -10.6560

Square

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



205.8110, 31.2690, 0.4930



199.6310, -12.7430, -16.8630



199.9000, -37.8250, -2.8250



208.1840, 11.8260, 16.9620

Rectangle

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



205.8110, 31.2690, 0.4930



202.2550, 11.9230, -12.3410



199.9000, -37.8250, -2.8250



205.7340, -13.3900, 11.3940

Sweetspot

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



205.8110, 31.2690, 0.4930



245.6760, 9.7200, 0.0560



195.5820, 25.6250, 25.6970



121.8220, 6.3730, 0.1410



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.



205.8110, 31.2690, 0.4930



215.4870, 40.9890, 0.5490



224.5950, 22.4690, -16.2430



111.6370, 5.4560, 0.2400



95.7960, 88.3510, 1.2390



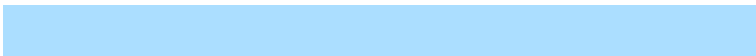
28.4730, 26.4090, 0.4650

Inverse Universe

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



202.1890, -31.2690, -0.4930



210.5130, -40.9890, -0.5490



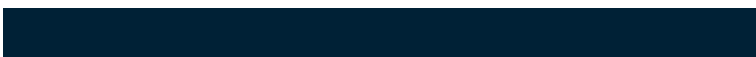
183.9920, -22.7440, 15.7200



111.3630, -5.4560, -0.2400



85.2040, -88.3510, -1.2390



25.5270, -26.4090, -0.4650

Previews

White Background



This preview shows how the YIQ color 205.8110, 31.2690, 0.4930 looks on a white background.

Color Contrast Check

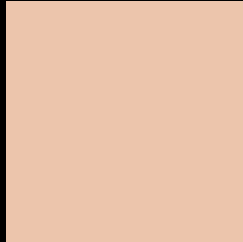
Large Text (above 18pt) WCAG AA × Fail

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 205.8110, 31.2690, 0.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

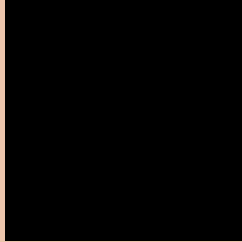
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.8110, 31.2690, 0.4930

Background



This preview shows how black text looks on a background with the YIQ color 205.8110, 31.2690, 0.4930.



This preview shows how white text looks on a background with the YIQ color 205.8110, 31.2690,

0.4930.

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

205.8110, 31.2690, 0.4930

Protanopia

204.0970, 15.5440, -6.3760

Deuteranopia

205.8110, 31.2690, 0.4930



Tritanopia

208.0620, 23.7930, 14.8410

Trichromacy



Original Color

205.8110, 31.2690, 0.4930

Protanomaly

204.6140, 21.4580, -3.4220

Deuteranomaly

205.8110, 31.2690, 0.4930

Tritanomaly

207.4550, 26.8200, 9.5400

Monochromacy



Original Color

205.8110, 31.2690, 0.4930

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.8110, 31.2690, 0.4930 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(236, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 172)  
}
```

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(236, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 172) }
```

Border

The CSS property to change the border of an element to YIQ 205.8110, 31.2690, 0.4930 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(236, 197, 172) }
```


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

```
.border{ border-color:rgb(236, 197, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 205.8110, 31.2690, 0.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 172) }
```

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

```
.background{ background-color: rgb(236,  
197, 172) }
```

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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