

Converting Colors

YIQ(204.8110, 31.2690, 0.4930)

Have a look what the booklet for
YIQ(204.8110, 31.2690, 0.4930)
contains.

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Color

**YIQ(204.8110, 31.2690,
0.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC4AB
RGB	235, 196, 171
RGB Percent	92%, 77%, 67%
CMY	0.0784, 0.2314, 0.3293
CMYK	0.00, 0.17, 0.27, 0.08
HSL	23°, 62%, 80%
HSV	23°, 27%, 92%
XYZ	61.3578, 60.0796, 46.9090
YIQ	204.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

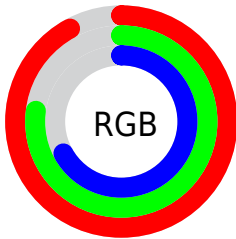
Format	Color
RYB	235, 212, 171
Decimal	15451307
CIELab	81.88, 10.23, 17.71
CIELCh	82, 20.449, 59.993
Yxy	60.0796, 0.3645, 0.3569
Android (android.graphics.Color)	4293641387 (0xFFEBC4AB)
YUV	204.8110, -16.6688, 26.4758
Hunter-Lab	77.5110, 5.6565, 18.3760

Details

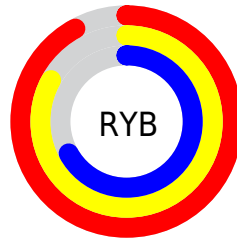
The YIQ color $204.8110, 31.2690, 0.4930$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $201.1890, -31.2690, -0.4930$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5200, 9.8590, -7.9730$, and $150.1420, 28.8390, 0.4790$ is the 20% darker color. If you saturate the color by 10%, you get $193.9710, 42.5020, 0.6620$, and if you desaturate by 10%, it is $215.7650, 19.7150, 0.6350$.

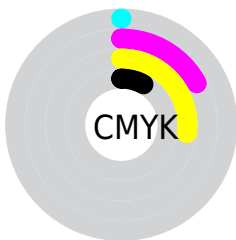
Distribution



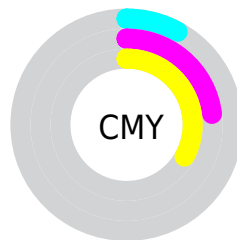
- Red (92%)
- Green (77%)
- Blue (67%)



- Red (92%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (8%)





- Cyan (8%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.8110, 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 204.8110, 31.2690, 0.4930 by changing the saturation by 10% instead.


 204.8110, 31.2690,
0.4930


 204.8110, 31.2690,
0.4930


255.0000, -0.0000,
-0.0000


 177.2130, 30.0770,
0.0690


 250.5200, 9.8590,
-7.9730

 150.1420, 28.8390,
0.4790

 124.5440, 27.6470,
0.0550

 99.0600, 26.1340,
-0.0580

 74.9890, 24.8960,
0.3520

 52.0920, 23.1080,
-0.2840

 29.7390, 22.6040,

-2.1640

■ 8.3720, 16.6880,
5.9360

■ 0.0000, 0.0000,
0.0000

■ 204.8110, 31.2690,
0.4930

■ 204.8110, 31.2690,
0.4930

■ 193.9710, 42.5020,
0.6620

■ 215.7650, 19.7150,
0.6350

■ 182.4300, 54.3310,
1.0430

■ 227.1920, 8.2070,
-0.0570

■ 171.5900, 65.5640,
1.2120

■ 238.1460, -3.3470,
0.0850

■ 160.6360, 77.1180,
1.0700

■ 247.8460,
-11.3700, -3.1940

■ 149.2090, 88.6260,
1.7620

■ 249.0200,
-11.9200, -4.2400

■ 138.2550,
100.1800, 1.6200

■ 127.4150,
111.4130, 1.7890

■ 124.2690,
114.7600, 1.7040

Harmonies

Analogous

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



205.8640, 32.9180, 9.1580



204.8110, 31.2690, 0.4930



202.8650, 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.



204.8110, 31.2690, 0.4930



196.8880, -29.5240, -15.6040



205.7240, -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.



204.8110, 31.2690, 0.4930



201.1890, -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.



202.2270, -25.2640, 6.3200



204.8110, 31.2690, 0.4930



196.3740, -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.



204.8110, 31.2690, 0.4930



198.6310, -12.7430, -16.8630



198.9000, -37.8250, -2.8250



207.1840, 11.8260, 16.9620

Rectangle

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



204.8110, 31.2690, 0.4930



201.2550, 11.9230, -12.3410



198.9000, -37.8250, -2.8250



204.7340, -13.3900, 11.3940

Sweetspot

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



204.8110, 31.2690, 0.4930



245.6760, 9.7200, 0.0560



194.5820, 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.



204.8110, 31.2690, 0.4930



215.4870, 40.9890, 0.5490



223.5950, 22.4690, -16.2430



111.6370, 5.4560, 0.2400



95.7960, 88.3510, 1.2390



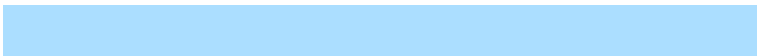
28.4730, 26.4090, 0.4650

Inverse Universe

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



201.1890, -31.2690, -0.4930



210.5130, -40.9890, -0.5490



182.9920, -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 204.8110, 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 204.8110, 31.2690, 0.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

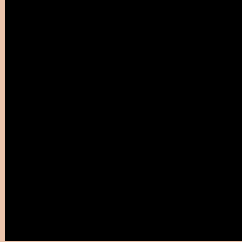
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.8110, 31.2690, 0.4930

Background



This preview shows how black text looks on a background with the YIQ color 204.8110, 31.2690, 0.4930.



This preview shows how white text looks on a background with the YIQ color 204.8110, 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

204.8110, 31.2690, 0.4930

Protanopia

203.0970, 15.5440, -6.3760

Deuteranopia

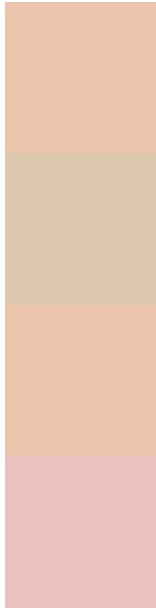
204.8110, 31.2690, 0.4930



Tritanopia

207.0620, 23.7930, 14.8410

Trichromacy



Original Color

204.8110, 31.2690, 0.4930

Protanomaly

203.6140, 21.4580, -3.4220

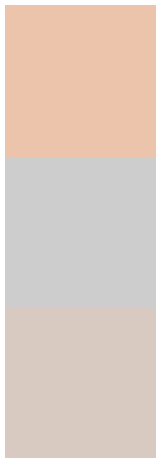
Deuteranomaly

204.8110, 31.2690, 0.4930

Tritanomaly

206.4550, 26.8200, 9.5400

Monochromacy



Original Color

204.8110, 31.2690, 0.4930

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.1600, 11.2330, 0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8110, 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(235, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 171)  
}
```

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(235, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 171) }
```

Border

The CSS property to change the border of an element to YIQ 204.8110, 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(235, 196, 171) }
```


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

```
.border{ border-color:rgb(235, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8110, 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(235, 196, 171) }
```

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

```
.background{ background-color: rgb(235,  
196, 171) }
```

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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