

Converting Colors

YIQ(212.3130, 32.3710, -8.4690)

Have a look what the booklet for
YIQ(212.3130, 32.3710, -8.4690)
contains.

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Color

**YIQ(212.3130, 32.3710,
-8.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	EED1A2
RGB	238, 209, 162
RGB Percent	93%, 82%, 64%
CMY	0.0666, 0.1804, 0.3645
CMYK	0.00, 0.12, 0.32, 0.07
HSL	37°, 69%, 78%
HSV	37°, 32%, 93%
XYZ	64.5861, 66.3839, 43.6113
YIQ	212.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

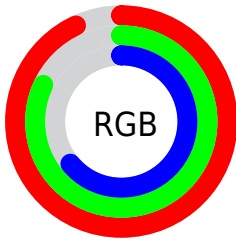
Format	Color
R _Y B	209, 238, 162
Decimal	15651234
CIE Lab	85.19, 3.41, 27.04
CIE LCh	85, 27.256, 82.819
Yxy	66.3839, 0.3699, 0.3802
Android (android.graphics.Color)	4293841314 (0xFFEED1A2)
YUV	212.3130, -24.8043, 22.5275
Hunter-Lab	81.4763, -1.0871, 25.2976

Details

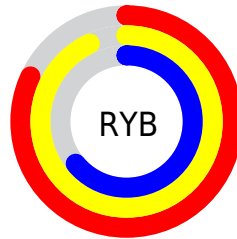
The YIQ color **212.3130, 32.3710, -8.4690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **187.6870, -32.3710, 8.4690**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.6680, 12.1980, -11.8180**, and **157.6440, 29.9410, -8.4830** is the 20% darker color. If you saturate the color by 10%, you get **204.2940, 42.5500, -11.2260**, and if you desaturate by 10%, it is **220.3320, 22.1920, -5.7120**.

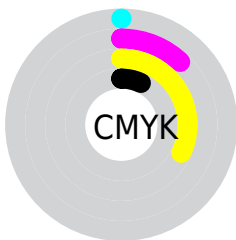
Distribution



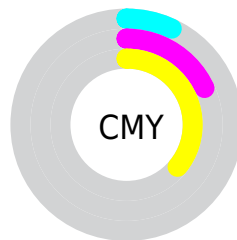
- Red (93%)
- Green (82%)
- Blue (64%)



- Red (82%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3130, 32.3710, -8.4690 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 212.3130, 32.3710, -8.4690 by changing the saturation by 10% instead.

212.3130, 32.3710,
-8.4690

212.3130, 32.3710,
-8.4690

255.0000, -0.0000,
-0.0000

184.2420, 31.1330,
-8.0590

250.6680, 12.1980,
-11.8180

157.6440, 29.9410,
-8.4830

253.9740, 2.8890,
-2.7990

131.4590, 29.0240,
-8.3840

106.0890, 27.1900,
-8.1860

81.6050, 25.6770,
-8.2990

58.1210, 24.1640,
-8.4120

36.0930, 21.3670,

-7.2810

■ 17.1770, 12.5630,
-1.9090

■ 0.0000, 0.0000,
0.0000

■ 212.3130, 32.3710,
-8.4690

■ 212.3130, 32.3710,
-8.4690

■ 204.2940, 42.5500,
-11.2260

■ 220.3320, 22.1920,
-5.7120

■ 196.2750, 52.7290,
-13.9830

■ 228.3510, 12.0130,
-2.9550

■ 188.3700, 62.5870,
-16.4290

■ 236.2560, 2.1550,
-0.5090

■ 180.3510, 72.7660,
-19.1860

■ 244.0470, -7.3820,
1.6260

■ 172.3320, 82.9450,
-21.9430

■ 249.3300, -9.8570,
-3.0810

■ 163.7260, 93.3990,
-24.1770

■ 249.9170,
-10.1320, -3.6040

■ 157.4510,
101.4230, -26.4250

Harmonies

Analogous

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



213.9540, 41.1720, 2.7400



212.3130, 32.3710, -8.4690



209.2780, 13.1160, -17.4440

Triad

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



212.3130, 32.3710, -8.4690



201.5570, -53.4570, -16.8890



216.9760, 9.7160, 22.1640

Complementary

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



212.3130, 32.3710, -8.4690



187.6870, -32.3710, 8.4690

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.



213.6570, -14.4910, 14.8290



212.3130, 32.3710, -8.4690



203.9840, -55.7970, -7.5170

Square

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



212.3130, 32.3710, -8.4690



202.9640, -35.8500, -22.1060



208.4750, -37.8260, 2.7020



215.7900, 27.7350, 20.4950

Rectangle

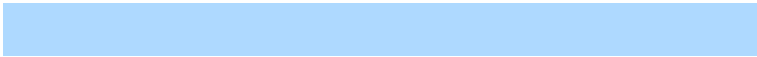
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.3130, 32.3710, -8.4690



207.5580, -2.4720, -21.2880



208.4750, -37.8260, 2.7020



216.8440, 1.2800, 20.8640

Sweetspot

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



212.3130, 32.3710, -8.4690



246.2800, 10.7750, -2.5450



188.0300, 35.9870, 25.1310



122.6540, 6.7860, -1.8380



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.



212.3130, 32.3710, -8.4690



222.2230, 41.3120, -10.8160



226.6450, 19.0320, -25.5440



115.6970, 5.2270, -1.1170



121.3470, 78.5890, -20.0910



37.2890, 23.7510, -6.4330

Inverse Universe

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



187.6870, -32.3710, 8.4690



190.7770, -41.3120, 10.8160



173.3550, -19.0320, 25.5440



111.7160, -4.9520, 1.6400



62.0660, -78.3140, 20.6140



18.7110, -23.7510, 6.4330

Previews

White Background



This preview shows how the YIQ color 212.3130, 32.3710, -8.4690 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 212.3130, 32.3710, -8.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

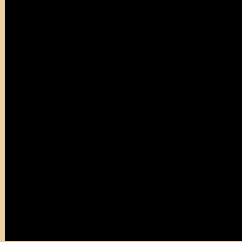
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3130, 32.3710, -8.4690

Background



This preview shows how black text looks on a background with the YIQ color 212.3130, 32.3710, -8.4690.



This preview shows how white text looks on a background with the YIQ color 212.3130, 32.3710,

-8.4690.

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

212.3130, 32.3710, -8.4690

Protanopia

211.6000, 24.0730, -12.2710

Deuteranopia

213.0800, 40.5770, -2.9990



Tritanopia

216.2680, 20.2170, 13.5690

Trichromacy



Original Color

212.3130, 32.3710, -8.4690

Protanomaly

212.0950, 27.0530, -11.2110

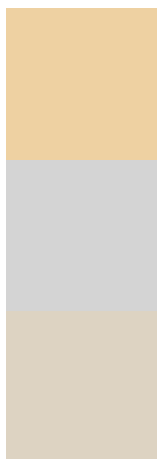
Deuteranomaly

213.0580, 37.6430, -4.8930

Tritanomaly

215.1510, 24.6200, 5.3560

Monochromacy



Original Color

212.3130, 32.3710, -8.4690

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3130, 32.3710, -8.4690 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(238, 209, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 162)  
}
```

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(238, 209, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 162) }
```

Border

The CSS property to change the border of an element to YIQ 212.3130, 32.3710, -8.4690 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(238, 209, 162) }
```


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

```
.border{ border-color:rgb(238, 209, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 209, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3130, 32.3710, -8.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 162) }
```

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

```
.background{ background-color: rgb(238,  
209, 162) }
```

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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