

Converting Colors

YIQ(206.3830, 26.1820,
-11.9460)

Have a look what the booklet for
YIQ(206.3830, 26.1820, -11.9460)
contains.

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Color

**YIQ(206.3830, 26.1820,
-11.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CF9D
RGB	224, 207, 157
RGB Percent	88%, 81%, 62%
CMY	0.1216, 0.1882, 0.3842
CMYK	0.00, 0.08, 0.30, 0.12
HSL	45°, 52%, 75%
HSV	45°, 30%, 88%
XYZ	59.1412, 62.9054, 40.9394
YIQ	206.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

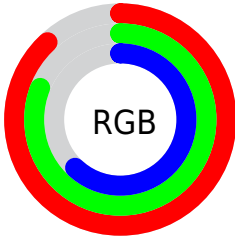
Format	Color
R_{YB}	180, 224, 157
Decimal	14733213
CIE _{Lab}	83.39, -1.55, 27.01
CIE _{LCh}	83, 27.059, 93.293
Yxy	62.9054, 0.3629, 0.3860
Android (android.graphics.Color)	4292923293 (0xFFE0CF9D)
YUV	206.3830, -24.3458, 15.4501
Hunter-Lab	79.3129, -5.6956, 24.9149

Details

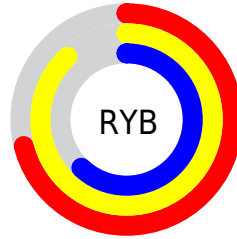
The YIQ color $206.3830, 26.1820, -11.9460$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.6170, -26.1820, 11.9460$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $250.0980, 13.8030, -13.3730$, and $152.0130, 24.3480, -11.7480$ is the 20% darker color. If you saturate the color by 10%, you get $200.3530, 34.8940, -15.6500$, and if you desaturate by 10%, it is $212.4130, 17.4700, -8.2420$.

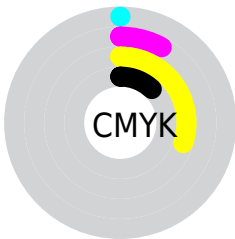
Distribution



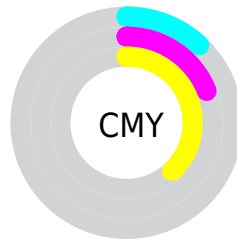
- Red (88%)
- Green (81%)
- Blue (62%)



- Red (71%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3830, 26.1820, -11.9460 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 206.3830, 26.1820, -11.9460 by changing the saturation by 10% instead.

■ 206.3830, 26.1820,
-11.9460

■ 206.3830, 26.1820,
-11.9460

255.0000, -0.0000,
-0.0000

■ 179.1980, 25.2650,
-11.8470

■ 250.0980, 13.8030,
-13.3730

■ 152.0130, 24.3480,
-11.7480

■ 253.2900, 4.8150,
-4.6650

■ 125.9420, 23.1100,
-11.3380

■ 100.7570, 22.1930,
-11.2390

■ 76.3870, 20.3590,
-11.0410

■ 53.2020, 19.4420,
-10.9420

■ 32.5160, 15.6820,

-8.8780

■ 11.8170, 4.7690,
-3.8310

■ 0.0000, 0.0000,
0.0000

■ 206.3830, 26.1820,
-11.9460

■ 206.3830, 26.1820,
-11.9460

■ 200.3530, 34.8940,
-15.6500

■ 212.4130, 17.4700,
-8.2420

■ 194.7960, 43.6520,
-20.1880

■ 217.9700, 8.7120,
-3.7040

■ 188.7660, 52.3640,
-23.8920

■ 224.0000, -0.0000,
0.0000

■ 182.6220, 61.3970,
-27.9070

■ 230.1440, -9.0330,
4.0150

■ 177.1790, 69.8340,
-32.1340

■ 233.9910,
-12.9760, 3.8880

■ 171.1490, 78.5460,
-35.8380

■ 237.5130,
-14.6260, 0.7500

■ 165.0050, 87.5790,
-39.8530

■ 241.0350,
-16.2760, -2.3880

■ 244.5570,
-17.9260, -5.5260

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



208.9490, 39.5680, -1.2320



206.3830, 26.1820, -11.9460



203.6190, 4.7260, -19.5780

Triad

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



206.3830, 26.1820, -11.9460



196.8820, -55.7500, -13.8780



212.2820, 17.6020, 22.4180

Complementary

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



206.3830, 26.1820, -11.9460



174.6170, -26.1820, 11.9460

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.



210.4840, -6.5140, 18.9420



206.3830, 26.1820, -11.9460



200.9570, -51.1670, -3.3190

Square

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



206.3830, 26.1820, -11.9460



197.0110, -43.2320, -20.4800



205.8720, -31.4540, 8.3700



210.6720, 33.8790, 19.2790

Rectangle

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



206.3830, 26.1820, -11.9460



201.6540, -11.5500, -21.9660



205.8720, -31.4540, 8.3700



211.9760, 9.7160, 22.1640

Sweetspot

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



206.3830, 26.1820, -11.9460



248.8560, 9.0330, -4.0150



179.0850, 34.1540, 19.8020



123.9420, 5.9150, -2.5730



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.



206.3830, 26.1820, -11.9460



231.0110, 35.8570, -16.5830



211.5780, 11.9710, -24.2290



108.9850, 4.3560, -1.8520



129.5210, 68.8710, -31.2010



35.4840, 18.7080, -8.6520

Inverse Universe

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



174.6170, -26.1820, 11.9460



187.5760, -36.1320, 16.0600



169.4220, -11.9710, 24.2290



104.0150, -4.3560, 1.8520



46.4790, -68.8710, 31.2010



12.5160, -18.7080, 8.6520

Previews

White Background



This preview shows how the YIQ color 206.3830, 26.1820, -11.9460 looks on a white background.

Color Contrast Check

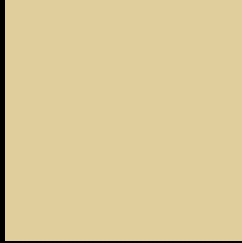
Large Text (above 18pt) WCAG AA × Fail

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 206.3830, 26.1820, -11.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

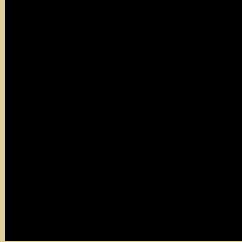
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.3830, 26.1820, -11.9460

Background



This preview shows how black text looks on a background with the YIQ color 206.3830, 26.1820, -11.9460.



This preview shows how white text looks on a background with the YIQ color 206.3830, 26.1820,

-11.9460.

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

206.3830, 26.1820, -11.9460

Protanopia

206.3720, 24.7150, -12.8930

Deuteranopia

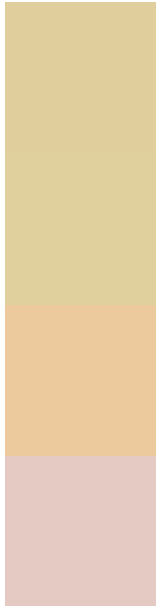
207.8950, 39.6600, -2.9000



Tritanopia

210.3920, 13.9360, 11.7600

Trichromacy



Original Color

206.3830, 26.1820, -11.9460

Protanomaly

206.6710, 25.3110, -12.6810

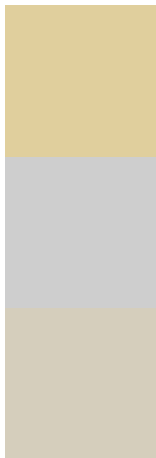
Deuteranomaly

207.4490, 34.9840, -6.2640

Tritanomaly

208.8620, 18.0640, 3.0240

Monochromacy



Original Color

206.3830, 26.1820, -11.9460

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0410, 9.9500, -4.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3830, 26.1820, -11.9460 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(224, 207, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 157)  
}
```

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(224, 207, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 157) }
```

Border

The CSS property to change the border of an element to YIQ 206.3830, 26.1820, -11.9460 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(224, 207, 157) }
```


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

```
.border{ border-color:rgb(224, 207, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 207, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3830, 26.1820, -11.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 157) }
```

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

```
.background{ background-color: rgb(224,  
207, 157) }
```

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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