

Converting Colors

YIQ(223.2750, 26.3660,
-15.2820)

Have a look what the booklet for
YIQ(223.2750, 26.3660, -15.2820)
contains.

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Color

**YIQ(223.2750, 26.3660,
-15.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2A8
RGB	239, 226, 168
RGB Percent	94%, 89%, 66%
CMY	0.0627, 0.1137, 0.3410
CMYK	0.00, 0.05, 0.30, 0.06
HSL	49°, 69%, 80%
HSV	49°, 30%, 94%
XYZ	69.8624, 75.5687, 47.9685
YIQ	223.2750, 26.3660, -15.2820

Conversions

Conversions Part 2

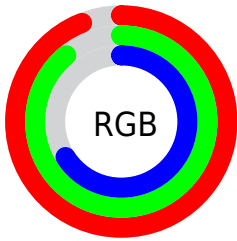
Format	Color
RYB	184, 239, 168
Decimal	15721128
CIELab	89.66, -4.19, 29.99
CIELCh	90, 30.280, 97.950
Yxy	75.5687, 0.3612, 0.3907
Android (android.graphics.Color)	4293911208 (0xFFEFE2A8)
YUV	223.2750, -27.2506, 13.7908
Hunter-Lab	86.9303, -8.6746, 28.1347

Details

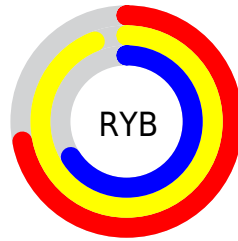
The YIQ color $223.2750, 26.3660, -15.2820$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $183.7250, -26.3660, 15.2820$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $167.9050, 24.5320, -15.0840$ is the 20% darker color. If you saturate the color by 10%, you get $218.1910, 35.1700, -20.6540$, and if you desaturate by 10%, it is $228.3590, 17.5620, -9.9100$.

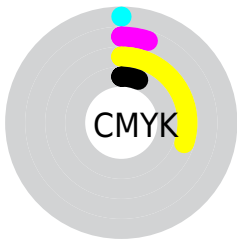
Distribution



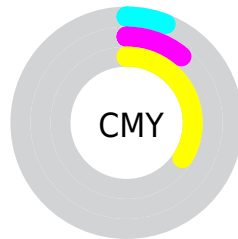
- Red (94%)
- Green (89%)
- Blue (66%)



- Red (72%)
- Yellow (94%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.2750, 26.3660, -15.2820 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 223.2750, 26.3660, -15.2820 by changing the saturation by 10% instead.

■ 223.2750, 26.3660,
-15.2820

■ 223.2750, 26.3660,
-15.2820

■ 255.0000, -0.0000,
-0.0000

■ 195.0900, 25.4490,
-15.1830

■ 251.4660, 9.9510,
-9.6410

■ 167.9050, 24.5320,
-15.0840

■ 254.6580, 0.9630,
-0.9330

■ 141.1330, 23.8900,
-14.4620

■ 115.6490, 22.3770,
-14.5750

■ 90.5780, 21.1390,
-14.1650

■ 66.9800, 19.9470,
-14.5890

■ 44.3220, 18.9840,

-13.6560

■ 25.4060, 10.1800,
-8.2840

■ 0.0000, 0.0000,
0.0000

■ 223.2750, 26.3660,
-15.2820

■ 223.2750, 26.3660,
-15.2820

■ 218.1910, 35.1700,
-20.6540

■ 228.3590, 17.5620,
-9.9100

■ 212.5200, 44.2490,
-25.5030

■ 234.0300, 8.4830,
-5.0610

■ 207.4360, 53.0530,
-30.8750

■ 239.1140, -0.3210,
0.3110

■ 201.7650, 62.1320,
-35.7240

■ 243.7590, -6.5110,
2.3610

■ 196.7950, 70.6150,
-40.7850

■ 246.1070, -7.6110,
0.2690

■ 191.7110, 79.4190,
-46.1570

■ 248.4550, -8.7110,
-1.8230

■ 186.0400, 88.4980,
-51.0060

■ 250.2160, -9.5360,
-3.3920

■ 185.9260, 88.8190,
-51.3170

Harmonies

Analogous

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



222.7590, 37.0470, -5.1050



223.2750, 26.3660, -15.2820



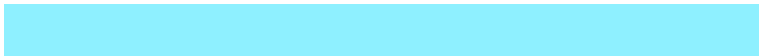
219.6570, 1.5630, -22.8290

Triad

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



223.2750, 26.3660, -15.2820



212.4080, -63.2230, -16.1110



226.0260, 15.4470, 22.9270

Complementary

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



223.2750, 26.3660, -15.2820



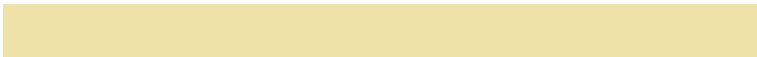
183.7250, -26.3660, 15.2820

Split Complementary

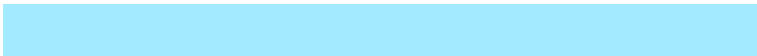
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0350, 2.0600, 17.7400



223.2750, 26.3660, -15.2820



215.1650, -49.0570, -8.5210

Square

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



223.2750, 26.3660, -15.2820



212.7540, -52.8140, -23.0380



221.2440, -23.9340, 4.2420



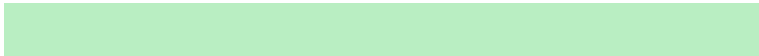
220.9590, 25.5810, 15.4770

Rectangle

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



223.2750, 26.3660, -15.2820



217.1370, -17.4640, -24.9200



221.2440, -23.9340, 4.2420



228.5850, 12.3750, 23.5350

Sweetspot

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



223.2750, 26.3660, -15.2820



250.0300, 8.4830, -5.0610



190.7110, 38.1430, 19.0950



124.5290, 5.6400, -3.0960



0.0000, 0.0000, 0.0000



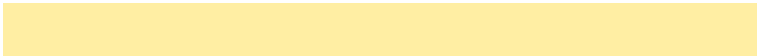
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.2750, 26.3660, -15.2820



234.5330, 34.2070, -19.7210



224.3280, 9.6790, -26.7450



117.4580, 4.4020, -2.6860



143.0660, 68.4140, -39.4420



43.7460, 20.7260, -12.1860

Inverse Universe

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



183.7250, -26.3660, 15.2820



183.4670, -34.2070, 19.7210



182.9710, -9.0830, 26.9570



110.5420, -4.4020, 2.6860



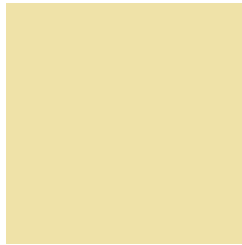
40.9340, -68.4140, 39.4420



12.2540, -20.7260, 12.1860

Previews

White Background



This preview shows how the YIQ color 223.2750, 26.3660, -15.2820 looks on a white background.

Color Contrast Check

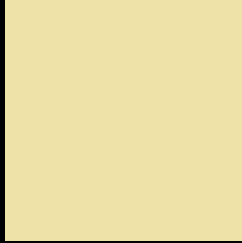
Large Text (above 18pt) WCAG AA × Fail

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 223.2750, 26.3660, -15.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

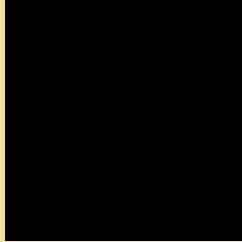
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.2750, 26.3660, -15.2820

Background



This preview shows how black text looks on a background with the YIQ color 223.2750, 26.3660, -15.2820.



This preview shows how white text looks on a background with the YIQ color 223.2750, 26.3660,

-15.2820.

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

223.2750, 26.3660, -15.2820

Protanopia

223.5850, 28.4290, -14.1230

Deuteranopia

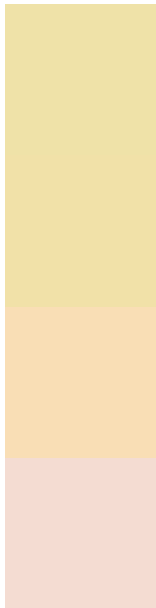
226.2300, 31.4070, -2.0090



Tritanopia

227.9080, 12.4230, 11.6470

Trichromacy



Original Color

223.2750, 26.3660, -15.2820

Protanomaly

223.2860, 27.8330, -14.3350

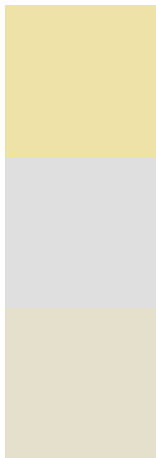
Deuteranomaly

225.3990, 29.2530, -7.0270

Tritanomaly

226.0360, 17.5140, 1.9780

Monochromacy



Original Color

223.2750, 26.3660, -15.2820

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1010, 9.7210, -5.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.2750, 26.3660, -15.2820 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(239, 226, 168)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 168)  
}
```

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(239, 226, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 168) }
```

Border

The CSS property to change the border of an element to YIQ 223.2750, 26.3660, -15.2820 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(239, 226, 168) }
```


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

```
.border{ border-color:rgb(239, 226, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 226, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 226, 168); box-shadow:4px 4px 4px 4px rgb(239, 226, 168) }
```

Background

The CSS property to change the background color of an element to YIQ 223.2750, 26.3660, -15.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 168) }
```

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

```
.background{ background-color: rgb(239,  
226, 168) }
```

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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