

Converting Colors

YIQ(223.8990, 24.6690,
-12.0590)

Have a look what the booklet for
YIQ(223.8990, 24.6690, -12.0590)
contains.

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Color

**YIQ(223.8990, 24.6690,
-12.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E1B0
RGB	240, 225, 176
RGB Percent	94%, 88%, 69%
CMY	0.0588, 0.1176, 0.3097
CMYK	0.00, 0.06, 0.27, 0.06
HSL	46°, 68%, 82%
HSV	46°, 27%, 94%
XYZ	70.6990, 75.5084, 51.9406
YIQ	223.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

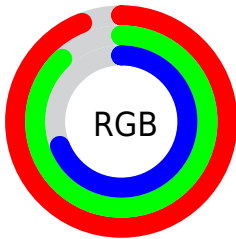
Format	Color
R_{YB}	196, 240, 176
Decimal	15786416
CIE _{Lab}	89.63, -2.27, 25.85
CIE _{LCh}	90, 25.950, 95.025
Yxy	75.5084, 0.3568, 0.3811
Android (android.graphics.Color)	4293976496 (0xFFFF0E1B0)
YUV	223.8990, -23.6142, 14.1206
Hunter-Lab	86.8956, -6.8381, 25.3871

Details

The YIQ color $223.8990, 24.6690, -12.0590$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $192.1010, -24.6690, 12.0590$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $168.5290, 22.8350, -11.8610$ is the 20% darker color. If you saturate the color by 10%, you get $217.6410, 34.0230, -16.3850$, and if you desaturate by 10%, it is $230.1570, 15.3150, -7.7330$.

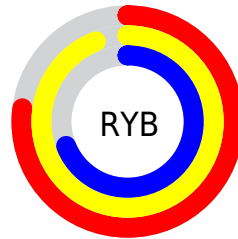
Distribution



Red (94%)

Green (88%)

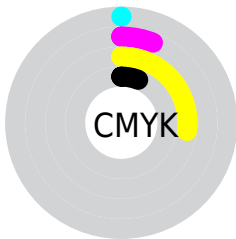
Blue (69%)



Red (77%)

Yellow (94%)

Blue (69%)

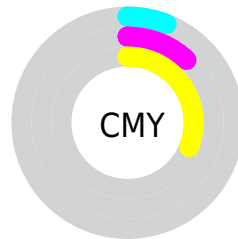


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8990, 24.6690, -12.0590 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 223.8990, 24.6690, -12.0590 by changing the saturation by 10% instead.

■ 223.8990, 24.6690,
-12.0590

■ 223.8990, 24.6690,
-12.0590

255.0000, -0.0000,
-0.0000

■ 195.7140, 23.7520,
-11.9600

■ 252.3780, 7.3830,
-7.1530

■ 168.5290, 22.8350,
-11.8610

■ 141.7570, 22.1930,
-11.2390

■ 116.2730, 20.6800,
-11.3520

■ 91.5010, 20.0380,
-10.7300

■ 67.9030, 18.8460,
-11.1540

■ 45.1910, 17.9750,

-11.8890

■ 25.4170, 11.6470,
-7.3370

■ 0.0000, 0.0000,
0.0000

■ 223.8990, 24.6690,
-12.0590

■ 223.8990, 24.6690,
-12.0590

■ 217.6410, 34.0230,
-16.3850

■ 230.1570, 15.3150,
-7.7330

■ 211.9700, 43.1020,
-21.2340

■ 235.8280, 6.2360,
-2.8840

■ 205.7120, 52.4560,
-25.5600

■ 242.0860, -3.1180,
1.4420

■ 199.4540, 61.8100,
-29.8860

■ 246.4060, -7.0150,
0.4810

■ 193.7830, 70.8890,
-34.7350

■ 249.3410, -8.3900,
-2.1340

■ 187.5250, 80.2430,
-39.0610

■ 250.5150, -8.9400,
-3.1800

■ 181.8540, 89.3220,
-43.9100

■ 179.7680, 92.4400,
-45.3520

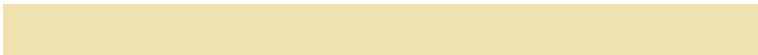
Harmonies

Analogous

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



224.2580, 34.2040, -3.1400



223.8990, 24.6690, -12.0590



220.5480, 3.4880, -19.1680

Triad

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



223.8990, 24.6690, -12.0590



215.4910, -53.0910, -12.5070



228.2600, 14.6680, 20.5240

Complementary

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



223.8990, 24.6690, -12.0590



192.1010, -24.6690, 12.0590

Split Complementary

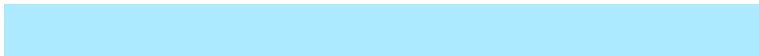
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.3010, -1.7450, 15.1110



223.8990, 24.6690, -12.0590



217.8560, -43.6930, -6.6130

Square

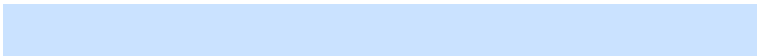
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.8990, 24.6690, -12.0590



215.7230, -42.3610, -19.7450



222.1300, -23.6130, 3.9310



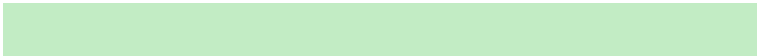
223.6490, 23.5180, 14.3180

Rectangle

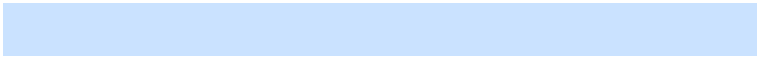
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8990, 24.6690, -12.0590



218.8820, -12.1920, -21.3440



222.1300, -23.6130, 3.9310



229.9330, 11.2750, 21.4430

Sweetspot

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



223.8990, 24.6690, -12.0590



249.7850, 7.7950, -3.6050



196.9600, 33.0080, 18.5440



124.7570, 4.9980, -2.4740



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

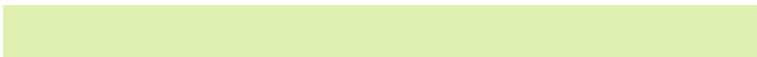
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.8990, 24.6690, -12.0590



234.4990, 31.5470, -15.5650



227.9200, 11.0080, -23.2960



116.8710, 4.6770, -2.1630



137.7830, 70.8890, -34.7350



41.9850, 21.5510, -10.6170

Inverse Universe

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



192.1010, -24.6690, 12.0590



194.0880, -31.8220, 15.0420



188.0800, -11.0080, 23.2960



111.1290, -4.6770, 2.1630



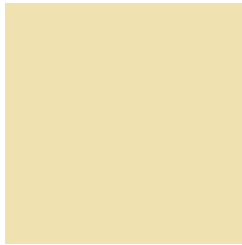
46.2170, -70.8890, 34.7350



14.0150, -21.5510, 10.6170

Previews

White Background



This preview shows how the YIQ color 223.8990, 24.6690, -12.0590 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 223.8990, 24.6690, -12.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

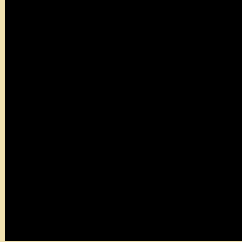
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.8990, 24.6690, -12.0590

Background



This preview shows how black text looks on a background with the YIQ color 223.8990, 24.6690, -12.0590.



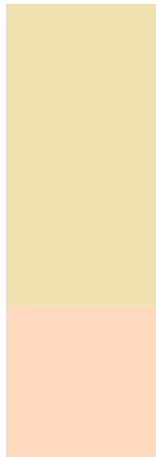
This preview shows how white text looks on a background with the YIQ color 223.8990, 24.6690,

-12.0590.

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

223.8990, 24.6690, -12.0590

Protanopia

223.8990, 24.6690, -12.0590

Deuteranopia

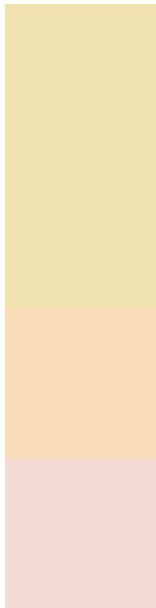
225.8710, 31.0400, -0.8640



Tritanopia

227.9080, 12.4230, 11.6470

Trichromacy



Original Color

223.8990, 24.6690, -12.0590

Protanomaly

223.8990, 24.6690, -12.0590

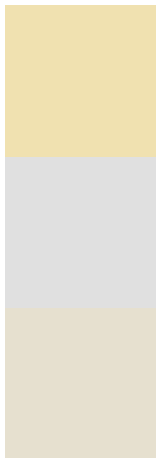
Deuteranomaly

225.5670, 28.8400, -5.0480

Tritanomaly

226.3780, 16.5510, 2.9110

Monochromacy



Original Color

223.8990, 24.6690, -12.0590

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.8560, 9.0330, -4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8990, 24.6690, -12.0590 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(240, 225, 176)` looks like.

```
.text, #text, p{  
    color:rgb(240, 225, 176)  
}
```

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(240, 225, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 225, 176) }
```

Border

The CSS property to change the border of an element to YIQ 223.8990, 24.6690, -12.0590 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(240, 225, 176) }
```


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

```
.border{ border-color:rgb(240, 225, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 225, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 225, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 225, 176);  
box-shadow:4px 4px 4px 4px rgb(240, 225,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8990, 24.6690, -12.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 225, 176) }
```

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

```
.background{ background-color: rgb(240,  
225, 176) }
```

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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