

Converting Colors

YIQ(188.1750, 24.0720, -6.7440)

Have a look what the booklet for
YIQ(188.1750, 24.0720, -6.7440)
contains.

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Color

**YIQ(188.1750, 24.0720,
-6.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBA96
RGB	207, 186, 150
RGB Percent	81%, 73%, 59%
CMY	0.1882, 0.2706, 0.4116
CMYK	0.00, 0.10, 0.28, 0.19
HSL	38°, 37%, 70%
HSV	38°, 28%, 81%
XYZ	48.7987, 50.5835, 36.0591
YIQ	188.1750, 24.0720, -6.7440

Conversions

Conversions Part 2

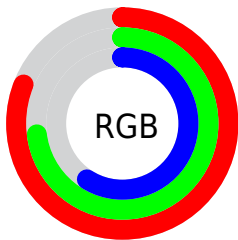
Format	Color
RYB	183, 207, 150
Decimal	13613718
CIELab	76.43, 1.98, 20.98
CIELCh	76, 21.076, 84.608
Yxy	50.5835, 0.3603, 0.3735
Android (android.graphics.Color)	4291803798 (0xFFCFBA96)
YUV	188.1750, -18.8203, 16.5095
Hunter-Lab	71.1221, -1.9902, 19.7253

Details

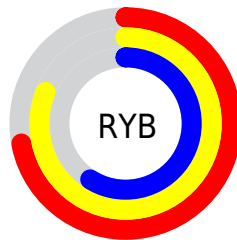
The YIQ color **188.1750, 24.0720, -6.7440** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168.8250, -24.0720, 6.7440**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5550, 19.9460, -9.0620**, and **134.8050, 22.2380, -6.5460** is the 20% darker color. If you saturate the color by 10%, you get **181.0850, 33.0130, -9.0910**, and if you desaturate by 10%, it is **195.2650, 15.1310, -4.3970**.

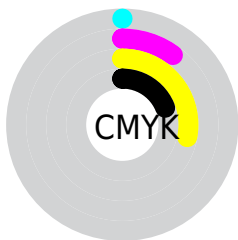
Distribution



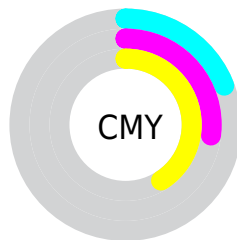
- Red (81%)
- Green (73%)
- Blue (59%)



- Red (72%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.1750, 24.0720, -6.7440 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 188.1750, 24.0720, -6.7440 by changing the saturation by 10% instead.

■ 188.1750, 24.0720,
-6.7440

■ 188.1750, 24.0720,
-6.7440

■ 255.0000, -0.0000,
-0.0000

■ 160.9900, 23.1550,
-6.6450

■ 241.5550, 19.9460,
-9.0620

■ 134.8050, 22.2380,
-6.5460

■ 252.4920, 7.0620,
-6.8420

■ 109.6200, 21.3210,
-6.4470

■ 85.1360, 19.8080,
-6.5600

■ 61.6520, 18.2950,
-6.6730

■ 39.2390, 18.0200,
-7.1960

■ 19.8240, 12.0590,

-3.7890

■ 0.0000, 0.0000,
0.0000

■ 188.1750, 24.0720,
-6.7440

■ 188.1750, 24.0720,
-6.7440

■ 181.0850, 33.0130,
-9.0910

■ 195.2650, 15.1310,
-4.3970

■ 174.6960, 41.3580,
-11.6500

■ 201.6540, 6.7860,
-1.8380

■ 167.6060, 50.2990,
-13.9970

■ 208.7440, -2.1550,
0.5090

■ 160.5160, 59.2400,
-16.3440

■ 215.8340,
-11.0960, 2.8560

■ 154.1270, 67.5850,
-18.9030

■ 222.3370,
-19.7620, 5.7260

■ 147.0370, 76.5260,
-21.2500

■ 227.1470,
-22.2830, 1.8530

■ 140.5340, 85.1920,
-24.1200

■ 231.2560,
-24.2080, -1.8080

■ 138.7900, 87.3470,
-24.6290

■ 235.9520,
-26.4080, -5.9920

■ 240.6480,
-28.6080, -10.1760

Harmonies

Analogous

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



190.0500, 32.0940, 2.0620



188.1750, 24.0720, -6.7440



185.7600, 8.9430, -13.4010

Triad

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



188.1750, 24.0720, -6.7440



180.4340, -39.7490, -12.0130



192.2160, 8.8000, 16.7360

Complementary

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



188.1750, 24.0720, -6.7440



168.8250, -24.0720, 6.7440

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.



190.0440, -11.3270, 12.5530



188.1750, 24.0720, -6.7440



182.8780, -40.7590, -4.7190

Square

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



188.1750, 24.0720, -6.7440



181.7310, -27.6440, -16.6360



186.4330, -28.8400, 5.0480



192.0020, 24.0220, 16.1980

Rectangle

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



188.1750, 24.0720, -6.7440



184.4210, -3.3440, -16.4960



186.4330, -28.8400, 5.0480



191.2800, 2.7480, 16.2840

Sweetspot

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



188.1750, 24.0720, -6.7440



248.0240, 8.6200, -2.0360



169.5510, 26.9100, 18.9260



123.5830, 5.5480, -1.4280



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.



188.1750, 24.0720, -6.7440



227.2270, 35.4890, -9.9110



198.4090, 14.1250, -19.2110



101.3980, 4.6310, -1.3290



112.4540, 70.9780, -19.8220



27.5210, 17.2860, -4.9060

Inverse Universe

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



168.8250, -24.0720, 6.7440



198.7730, -35.4890, 9.9110



158.5910, -14.1250, 19.2110



97.6020, -4.6310, 1.3290



55.5460, -70.9780, 19.8220



13.4790, -17.2860, 4.9060

Previews

White Background



This preview shows how the YIQ color 188.1750, 24.0720, -6.7440 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 188.1750, 24.0720, -6.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

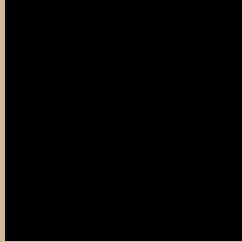
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.1750, 24.0720, -6.7440

Background



This preview shows how black text looks on a background with the YIQ color 188.1750, 24.0720, -6.7440.



This preview shows how white text looks on a background with the YIQ color 188.1750, 24.0720,

-6.7440.

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

188.1750, 24.0720, -6.7440

Protanopia

187.3700, 19.0290, -8.9630

Deuteranopia

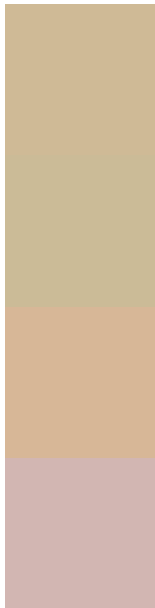
189.2410, 32.8740, -1.0620



Tritanopia

191.1640, 14.5780, 11.1380

Trichromacy



Original Color

188.1750, 24.0720, -6.7440

Protanomaly

187.6800, 21.0920, -7.8040

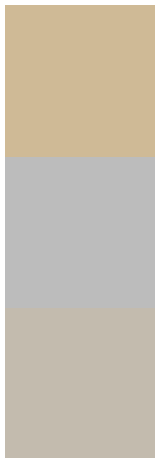
Deuteranomaly

188.9200, 29.3440, -3.1680

Tritanomaly

189.9160, 17.9720, 4.6920

Monochromacy



Original Color

188.1750, 24.0720, -6.7440

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9100, 8.9410, -2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.1750, 24.0720, -6.7440 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(207, 186, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 150)  
}
```

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(207, 186, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 150) }
```

Border

The CSS property to change the border of an element to YIQ 188.1750, 24.0720, -6.7440 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(207, 186, 150) }
```


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

```
.border{ border-color:rgb(207, 186, 150) }
```

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

Here you see how a box with a 4 pixel rgb(207, 186, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 186,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 188.1750, 24.0720, -6.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 150) }
```

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

```
.background{ background-color: rgb(207,  
186, 150) }
```

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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