

Converting Colors

YIQ(204.4730, 26.4090, 0.4650)

Have a look what the booklet for
YIQ(204.4730, 26.4090, 0.4650)
contains.

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Color

**YIQ(204.4730, 26.4090,
0.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C5B0
RGB	230, 197, 176
RGB Percent	90%, 77%, 69%
CMY	0.0980, 0.2275, 0.3097
CMYK	0.00, 0.14, 0.23, 0.10
HSL	23°, 52%, 80%
HSV	23°, 23%, 90%
XYZ	60.4411, 59.8877, 49.4642
YIQ	204.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

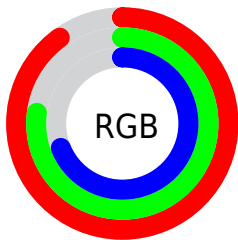
Format	Color
R _Y B	230, 210, 176
Decimal	15123888
CIE Lab	81.78, 8.51, 14.83
CIE LCh	82, 17.103, 60.148
Yxy	59.8877, 0.3560, 0.3527
Android (android.graphics.Color)	4293313968 (0xFFE6C5B0)
YUV	204.4730, -14.0372, 22.3872
Hunter-Lab	77.3872, 3.9849, 16.2741

Details

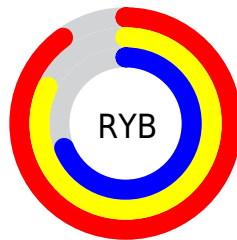
The YIQ color $204.4730, 26.4090, 0.4650$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $201.5270, -26.4090, -0.4650$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7910, 7.6580, -6.6300$, and $149.9890, 24.8960, 0.3520$ is the 20% darker color. If you saturate the color by 10%, you get $193.6330, 37.6420, 0.6340$, and if you desaturate by 10%, it is $215.3130, 15.1760, 0.2960$.

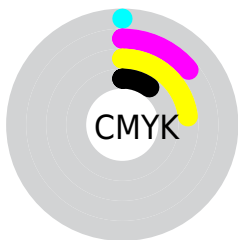
Distribution



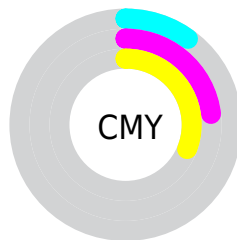
- Red (90%)
- Green (77%)
- Blue (69%)



- Red (90%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.4730, 26.4090, 0.4650 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 204.4730, 26.4090, 0.4650 by changing the saturation by 10% instead.


 204.4730, 26.4090,
0.4650


 204.4730, 26.4090,
0.4650


255.0000, -0.0000,
-0.0000


 177.1740, 25.8130,
0.2530


 251.7910, 7.6580,
-6.6300

 149.9890, 24.8960,
0.3520

 124.5050, 23.3830,
0.2390

 99.3200, 22.4660,
0.3380

 74.8360, 20.9530,
0.2250

 52.3520, 19.4400,
0.1120

 30.1130, 18.6150,

-1.4570

■ 7.4750, 14.9000,
5.3000

■ 0.0000, 0.0000,
0.0000

■ 204.4730, 26.4090,
0.4650

■ 204.4730, 26.4090,
0.4650

■ 193.6330, 37.6420,
0.6340

■ 215.3130, 15.1760,
0.2960

■ 182.7930, 48.8750,
0.8030

■ 226.1530, 3.9430,
0.1270

■ 171.9530, 60.1080,
0.9720

■ 236.9930, -7.2900,
-0.0420

■ 161.1130, 71.3410,
1.1410

■ 246.3510,
-14.3500, -4.2540

■ 150.2730, 82.5740,
1.3100

■ 247.5250,
-14.9000, -5.3000

■ 139.4330, 93.8070,
1.4790

■ 128.0060,
105.3150, 2.1710

■ 121.0130,
112.6050, 2.2130

Harmonies

Analogous

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



205.5860, 27.8290, 7.7730



204.4730, 26.4090, 0.4650



202.6520, 18.2950, -6.6730

Triad

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



204.4730, 26.4090, 0.4650



197.8070, -24.8020, -13.0740



205.0400, -5.5040, 11.6480

Complementary

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



204.4730, 26.4090, 0.4650



201.5270, -26.4090, -0.4650

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.



202.7390, -20.9540, 5.3020



204.4730, 26.4090, 0.4650



197.8480, -32.0470, -8.4230

Square

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



204.4730, 26.4090, 0.4650



198.9950, -10.7720, -14.0360



199.5480, -30.9020, -1.6380



206.4070, 9.5800, 13.6120

Rectangle

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



204.4730, 26.4090, 0.4650



201.6400, 9.4010, -10.6870



199.5480, -30.9020, -1.6380



204.3490, -10.8680, 9.7400

Sweetspot

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



204.4730, 26.4090, 0.4650



246.4910, 8.8030, 0.1550



195.9080, 21.5910, 21.7110



122.6370, 5.4560, 0.2400



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.



204.4730, 26.4090, 0.4650



221.0780, 34.8910, 0.9310



220.3220, 18.9840, -13.6560



109.5230, 5.7770, -0.0710



94.0240, 87.7090, 1.8610



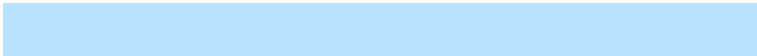
26.9890, 24.8960, 0.3520

Inverse Universe

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



201.5270, -26.4090, -0.4650



217.3350, -34.6160, -0.4080



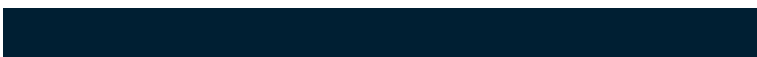
185.6780, -18.9840, 13.6560



108.4770, -5.7770, 0.0710



84.3890, -87.4340, -1.3380



24.0110, -24.8960, -0.3520

Previews

White Background



This preview shows how the YIQ color 204.4730, 26.4090, 0.4650 looks on a white background.

Color Contrast Check

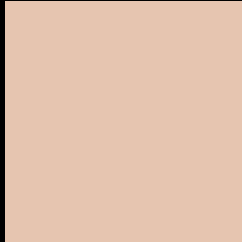
Large Text (above 18pt) WCAG AA × Fail

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 204.4730, 26.4090, 0.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

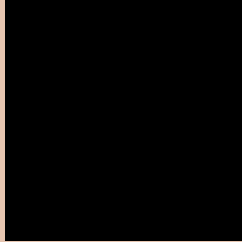
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.4730, 26.4090, 0.4650

Background



This preview shows how black text looks on a background with the YIQ color 204.4730, 26.4090, 0.4650.



This preview shows how white text looks on a background with the YIQ color 204.4730, 26.4090,

0.4650.

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

204.4730, 26.4090, 0.4650

Protanopia

203.2540, 13.6640, -5.3440

Deuteranopia

204.7830, 28.4720, 1.6240



Tritanopia

206.2680, 20.2170, 13.5690

Trichromacy



Original Color

204.4730, 26.4090, 0.4650

Protanomaly

203.7600, 18.1110, -3.3370

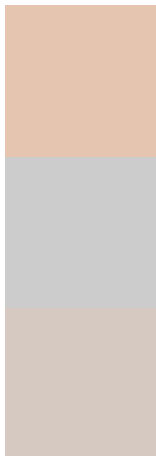
Deuteranomaly

204.4840, 27.8760, 1.4120

Tritanomaly

205.8890, 22.6020, 8.8900

Monochromacy



Original Color

204.4730, 26.4090, 0.4650

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.7900, 9.3990, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4730, 26.4090, 0.4650 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(230, 197, 176)` looks like.

```
.text, #text, p{  
    color:rgb(230, 197, 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(230, 197, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 197, 176) }
```

Border

The CSS property to change the border of an element to YIQ 204.4730, 26.4090, 0.4650 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(230, 197, 176) }
```


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

```
.border{ border-color:rgb(230, 197, 176) }
```

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

Here you see how a box with a 4 pixel rgb(230, 197, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 197, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 197, 176);  
box-shadow:4px 4px 4px 4px rgb(230, 197,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4730, 26.4090, 0.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 197, 176) }
```

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

```
.background{ background-color: rgb(230,  
197, 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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