

Converting Colors

YIQ(186.8470, 22.4200, 1.1720)

Have a look what the booklet for
YIQ(186.8470, 22.4200, 1.1720)
contains.

YIQ(186.8470, 22.4200, 1.1720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.8470, 22.4200,
1.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B4A4
RGB	209, 180, 164
RGB Percent	82%, 71%, 64%
CMY	0.1803, 0.2941, 0.3568
CMYK	0.00, 0.14, 0.22, 0.18
HSL	21°, 33%, 73%
HSV	21°, 22%, 82%
XYZ	49.3207, 48.8764, 41.9688
YIQ	186.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

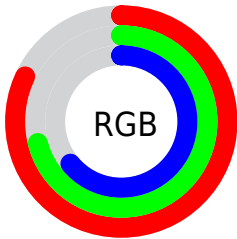
Format	Color
R _Y B	209, 189, 164
Decimal	13743268
CIE Lab	75.37, 7.94, 11.99
CIE LCh	75, 14.378, 56.499
Yxy	48.8764, 0.3519, 0.3487
Android (android.graphics.Color)	4291933348 (0xFFD1B4A4)
YUV	186.8470, -11.2636, 19.4282
Hunter-Lab	69.9116, 3.5815, 13.3456

Details

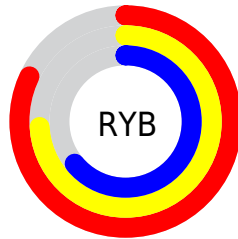
The YIQ color $186.8470, 22.4200, 1.1720$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $186.1530, -22.4200, -1.1720$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.7430, 16.7810, -1.2590$, and $133.3630, 20.9070, 1.0590$ is the 20% darker color. If you saturate the color by 10%, you get $176.8220, 32.7360, 1.4400$, and if you desaturate by 10%, it is $196.8720, 12.1040, 0.9040$.

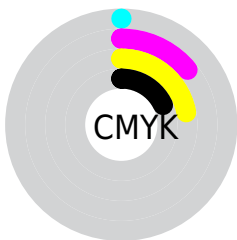
Distribution



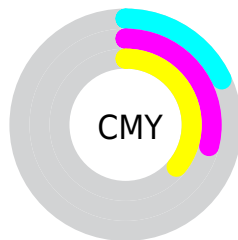
- Red (82%)
- Green (71%)
- Blue (64%)



- Red (82%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.8470, 22.4200, 1.1720 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 186.8470, 22.4200, 1.1720 by changing the saturation by 10% instead.


 186.8470, 22.4200,
1.1720


 186.8470, 22.4200,
1.1720


255.0000, -0.0000,
-0.0000


 159.6620, 21.5030,
1.2710


 239.7430, 16.7810,
-1.2590


 133.3630, 20.9070,
1.0590

 254.0880, 2.5680,
-2.4880

 108.1780, 19.9900,
1.1580

 83.5800, 18.7980,
0.7340

 60.3950, 17.8810,
0.8330

 38.6120, 15.7720,
0.5080

 16.9110, 16.3680,

0.7200

0.0000, 0.0000,
0.0000

186.8470, 22.4200,
1.1720

186.8470, 22.4200,
1.1720

176.8220, 32.7360,
1.4400

196.8720, 12.1040,
0.9040

166.2100, 43.3270,
2.2310

207.4840, 1.5130,
0.1130

156.1850, 53.6430,
2.4990

217.5090, -8.8030,
-0.1550

145.5730, 64.2340,
3.2900

228.1210,
-19.3940, -0.9460

135.6620, 74.2290,
3.8690

236.5500,
-25.2160, -5.5680

■ 125.0500, 84.8200,
4.6600

■ 241.2460,
-27.4160, -9.7520

■ 115.0250, 95.1360,
4.9280

■ 105.9290,
104.2140, 5.6060

Harmonies

Analogous

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



187.7210, 23.0150, 6.9110



186.8470, 22.4200, 1.1720



185.3360, 16.3690, -4.8070

Triad

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



186.8470, 22.4200, 1.1720



180.9110, -19.1630, -10.6430



186.8610, -6.5580, 8.7220

Complementary

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



186.8470, 22.4200, 1.1720



186.1530, -22.4200, -1.1720

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.



184.7670, -18.1570, 4.1710



186.8470, 22.4200, 1.1720



181.1970, -25.7200, -7.4480

Square

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



186.8470, 22.4200, 1.1720



182.4300, -7.5630, -11.6190



182.3590, -25.9960, -2.4440



188.2710, 6.9670, 11.4070

Rectangle

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



186.8470, 22.4200, 1.1720



184.5200, 9.8590, -7.9730



182.3590, -25.9960, -2.4440



186.1810, -10.4550, 7.7610

Sweetspot

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



186.8470, 22.4200, 1.1720



247.4200, 7.5650, 0.5650



180.7610, 17.5110, 18.5590



123.4520, 4.5390, 0.3390



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.



186.8470, 22.4200, 1.1720



222.2350, 33.0110, 1.9630



199.7610, 16.3700, -10.3340



99.6370, 5.4560, 0.2400



85.4520, 83.6280, 4.2360



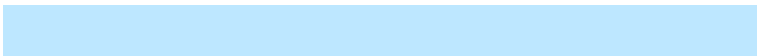
20.4770, 20.5860, 1.3700

Inverse Universe

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



186.1530, -22.4200, -1.1720



221.1780, -32.7360, -1.4400



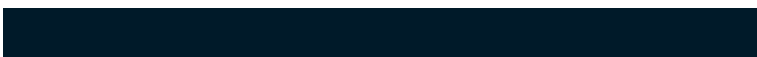
173.2390, -16.3700, 10.3340



99.3630, -5.4560, -0.2400



83.1350, -83.9030, -4.7590



19.9360, -20.3110, -0.8470

Previews

White Background



This preview shows how the YIQ color 186.8470, 22.4200, 1.1720 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 186.8470, 22.4200, 1.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

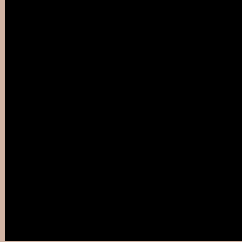
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.8470, 22.4200, 1.1720

Background



This preview shows how black text looks on a background with the YIQ color 186.8470, 22.4200, 1.1720.



This preview shows how white text looks on a background with the YIQ color 186.8470, 22.4200,

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

186.8470, 22.4200, 1.1720

Protanopia

185.6390, 11.1420, -3.6900

Deuteranopia

187.1570, 24.4830, 2.3310



Tritanopia

188.3600, 16.9620, 11.9860

Trichromacy



Original Color

186.8470, 22.4200, 1.1720

Protanomaly

185.8460, 14.9930, -1.8950

Deuteranomaly

186.8580, 23.8870, 2.1190

Tritanomaly

187.6220, 18.9800, 8.4520

Monochromacy



Original Color

186.8470, 22.4200, 1.1720

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.7190, 8.1610, 0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.8470, 22.4200, 1.1720 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(209, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 164)  
}
```

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(209, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 164) }
```

Border

The CSS property to change the border of an element to YIQ 186.8470, 22.4200, 1.1720 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(209, 180, 164) }
```


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

```
.border{ border-color:rgb(209, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(209, 180,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 186.8470, 22.4200, 1.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 164) }
```

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

```
.background{ background-color: rgb(209,  
180, 164) }
```

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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