

Converting Colors

YIQ(187.8220, 32.7360, 1.4400)

Have a look what the booklet for
YIQ(187.8220, 32.7360, 1.4400)
contains.

YIQ(187.8220, 32.7360, 1.4400)	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(187.8220, 32.7360,
1.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB29A
RGB	220, 178, 154
RGB Percent	86%, 70%, 60%
CMY	0.1372, 0.3020, 0.3959
CMYK	0.00, 0.19, 0.30, 0.14
HSL	22°, 49%, 73%
HSV	22°, 30%, 86%
XYZ	51.2745, 49.3871, 37.4186
YIQ	187.8220, 32.7360, 1.4400

Conversions

Conversions Part 2

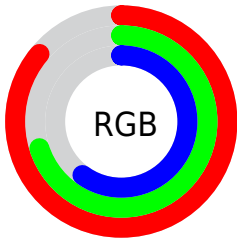
Format	Color
R_{YB}	220, 192, 154
Decimal	14463642
CIE Lab	75.69, 11.81, 18.00
CIE LCh	76, 21.526, 56.739
Yxy	49.3871, 0.3713, 0.3577
Android (android.graphics.Color)	4292653722 (0xFFDCB29A)
YUV	187.8220, -16.6742, 28.2201
Hunter-Lab	70.2760, 7.2536, 17.6241

Details

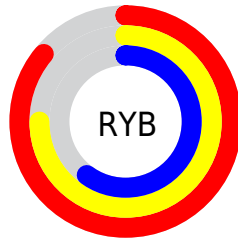
The YIQ color $187.8220, 32.7360, 1.4400$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $186.1780, -32.7360, -1.4400$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3150, 20.8620, -3.6340$, and $134.1530, 30.3060, 1.4260$ is the 20% darker color. If you saturate the color by 10%, you get $177.0960, 43.6480, 1.9200$, and if you desaturate by 10%, it is $198.5480, 21.8240, 0.9600$.

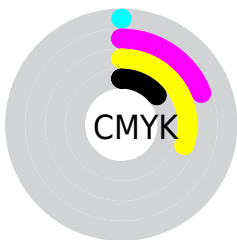
Distribution



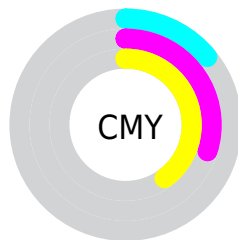
- Red (86%)
- Green (70%)
- Blue (60%)



- Red (86%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8220, 32.7360, 1.4400 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 187.8220, 32.7360, 1.4400 by changing the saturation by 10% instead.


 187.8220, 32.7360,
1.4400


 187.8220, 32.7360,
1.4400


255.0000, -0.0000,
-0.0000


 160.6370, 31.8190,
1.5390


 237.3150, 20.8620,
-3.6340


 134.1530, 30.3060,
1.4260

 252.9480, 5.7780,
-5.5980

 108.6690, 28.7930,
1.3130

 84.1850, 27.2800,
1.2000

 60.4020, 25.1710,
0.8750

 38.5050, 23.3830,
0.2390

 17.8190, 19.6230,

2.3030

■ 0.0000, 0.0000,
0.0000

■ 187.8220, 32.7360,
1.4400

■ 187.8220, 32.7360,
1.4400

■ 177.0960, 43.6480,
1.9200

■ 198.5480, 21.8240,
0.9600

■ 166.3700, 54.5600,
2.4000

■ 209.2740, 10.9120,
0.4800

■ 155.6440, 65.4720,
2.8800

■ 220.0000, 0.0000,
0.0000

■ 144.9180, 76.3840,
3.3600

■ 230.7260,
-10.9120, -0.4800

■ 134.1920, 87.2960,
3.8400

■ 240.4260,
-18.9350, -3.7590

■ 123.4660, 98.2080,
4.3200

■ 244.5350,
-20.8600, -7.4200

■ 112.7400,
109.1200, 4.8000

Harmonies

Analogous

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



189.1030, 33.7430, 10.7270



187.8220, 32.7360, 1.4400



185.7620, 23.7970, -7.2670

Triad

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



187.8220, 32.7360, 1.4400



179.3610, -29.4780, -16.4380



188.0550, -9.8600, 13.5000

Complementary

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



187.8220, 32.7360, 1.4400



186.1780, -32.7360, -1.4400

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.



184.8460, -28.5650, 5.5710



187.8220, 32.7360, 1.4400



178.3630, -40.9870, -11.6030

Square

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



187.8220, 32.7360, 1.4400



181.0010, -10.9090, -17.0610



180.4050, -40.8050, -3.8850



189.9280, 9.6710, 17.4710

Rectangle

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



187.8220, 32.7360, 1.4400



184.6250, 13.7570, -12.5390



180.4050, -40.8050, -3.8850



186.7660, -16.4160, 11.1680

Sweetspot

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



187.8220, 32.7360, 1.4400



243.5730, 11.5080, 0.6920



178.6360, 25.5330, 27.3650



121.0070, 7.2900, 0.0420



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.



187.8220, 32.7360, 1.4400



210.4660, 45.4820, 1.7220



206.6060, 23.9360, -15.2960



104.6370, 5.4560, 0.2400



88.7080, 85.7830, 3.7270



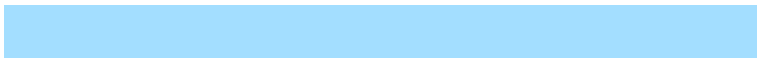
23.7330, 22.7410, 0.8610

Inverse Universe

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



186.1780, -32.7360, -1.4400



208.1210, -45.7570, -2.2450



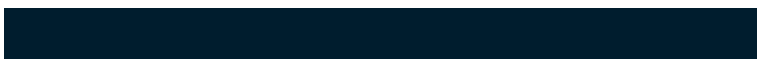
167.3940, -23.9360, 15.2960



104.3630, -5.4560, -0.2400



84.2920, -85.7830, -3.7270



22.2670, -22.7410, -0.8610

Previews

White Background



This preview shows how the YIQ color 187.8220, 32.7360, 1.4400 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 187.8220, 32.7360, 1.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

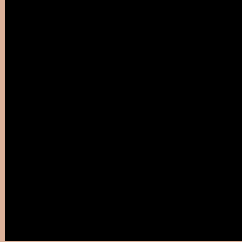
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8220, 32.7360, 1.4400

Background



This preview shows how black text looks on a background with the YIQ color 187.8220, 32.7360, 1.4400.



This preview shows how white text looks on a background with the YIQ color 187.8220, 32.7360,

1.4400.

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

187.8220, 32.7360, 1.4400

Protanopia

186.0970, 15.5440, -6.3760

Deuteranopia

187.8000, 29.8020, -0.4540



Tritanopia

189.8450, 25.9020, 15.1660

Trichromacy



Original Color

187.8220, 32.7360, 1.4400

Protanomaly

186.6140, 21.4580, -3.4220

Deuteranomaly

187.5120, 30.6730, 0.2810

Tritanomaly

189.3520, 28.6080, 10.1760

Monochromacy



Original Color

187.8220, 32.7360, 1.4400

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8720, 12.1040, 0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8220, 32.7360, 1.4400 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(220, 178, 154)` looks like.

```
.text, #text, p{  
    color:rgb(220, 178, 154)  
}
```

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(220, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 178, 154) }
```

Border

The CSS property to change the border of an element to YIQ 187.8220, 32.7360, 1.4400 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(220, 178, 154) }
```


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

```
.border{ border-color:rgb(220, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(220, 178,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8220, 32.7360, 1.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 178, 154) }
```

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

```
.background{ background-color: rgb(220,  
178, 154) }
```

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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