

Converting Colors

YIQ(202.4820, 31.3580, 15.4060)

Have a look what the booklet for
YIQ(202.4820, 31.3580, 15.4060)
contains.

YIQ(202.4820, 31.3580, 15.4060)	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(202.4820, 31.3580,
15.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B8C2
RGB	242, 184, 194
RGB Percent	95%, 72%, 76%
CMY	0.0508, 0.2785, 0.2391
CMYK	0.00, 0.24, 0.20, 0.05
HSL	350°, 69%, 84%
HSV	350°, 24%, 95%
XYZ	63.5070, 57.0510, 58.7212
YIQ	202.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

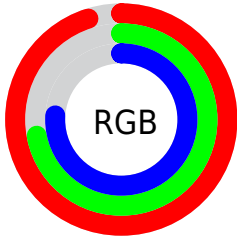
Format	Color
R _Y B	242, 184, 194
Decimal	15907010
CIE Lab	80.21, 22.43, 3.08
CIE LCh	80, 22.637, 7.823
Yxy	57.0510, 0.3542, 0.3182
Android (android.graphics.Color)	4294097090 (0xFFFF2B8C2)
YUV	202.4820, -4.1816, 34.6573
Hunter-Lab	75.5321, 17.9006, 6.7784

Details

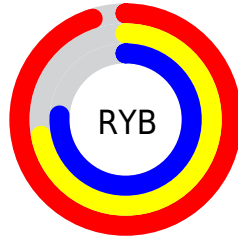
The YIQ color $202.4820, 31.3580, 15.4060$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.5180, -31.3580, -15.4060$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6250, 5.7300, 6.2900$, and $148.1720, 29.2950, 14.2470$ is the 20% darker color. If you saturate the color by 10%, you get $186.1140, 44.3780, 21.7380$, and if you desaturate by 10%, it is $218.8500, 18.3380, 9.0740$.

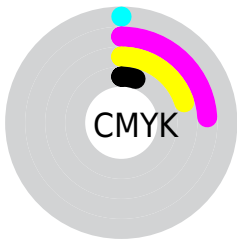
Distribution



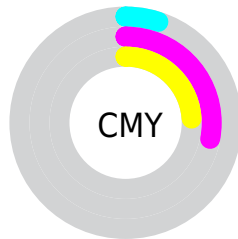
- Red (95%)
- Green (72%)
- Blue (76%)



- Red (95%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.4820, 31.3580, 15.4060 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 202.4820, 31.3580, 15.4060 by changing the saturation by 10% instead.

202.4820, 31.3580,
15.4060

202.4820, 31.3580,
15.4060

255.0000, -0.0000,
-0.0000

174.8840, 30.1660,
14.9820

245.6250, 5.7300,
6.2900

148.2860, 28.9740,
14.5580

121.9870, 28.3780,
14.3460

97.0900, 26.5900,
13.7100

72.4920, 25.3980,
13.2860

48.7090, 23.2890,
12.9610

26.3390, 21.4550,

13.1590

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 202.4820, 31.3580,
15.4060

■ 202.4820, 31.3580,
15.4060

■ 186.1140, 44.3780,
21.7380

■ 218.8500, 18.3380,
9.0740

■ 169.7460, 57.3980,
28.0700

■ 235.2180, 5.3180,
2.7420

■ 152.7910, 70.6930,
34.9250

■ 250.9990, -7.4270,
-3.0670

■ 136.4230, 83.7130,
41.2570

■ 251.1130, -7.7480,
-2.7560

■ 120.0550, 96.7330,
47.5890

■ 103.6870,
109.7530, 53.9210

■ 87.3190, 122.7730,
60.2530

■ 77.1460, 130.7500,
64.3660

Harmonies

Analogous

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



202.7610, 17.5110, 18.5590



202.4820, 31.3580, 15.4060



201.0770, 36.6320, 7.9280

Triad

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



202.4820, 31.3580, 15.4060



195.3460, 1.2410, -16.9910



193.9970, -39.4760, -0.4360

Complementary

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



202.4820, 31.3580, 15.4060



223.5180, -31.3580, -15.4060

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.



190.9650, -45.6180, -10.2740



202.4820, 31.3580, 15.4060



192.4560, -19.6200, -18.8840

Square

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



202.4820, 31.3580, 15.4060



197.5010, 20.0380, -10.7300



190.4680, -37.0890, -16.1690



198.5910, -23.2930, 9.1470

Rectangle

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



202.4820, 31.3580, 15.4060



200.1920, 34.5700, 1.2420



190.4680, -37.0890, -16.1690



192.7360, -43.2350, -3.8990

Sweetspot

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



202.4820, 31.3580, 15.4060



242.7240, 9.7650, 4.7490



204.6650, 9.3940, 28.0020



120.5170, 5.9140, 2.9540



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.



202.4820, 31.3580, 15.4060



204.6080, 39.9310, 19.7310



211.9080, 29.6180, 2.8820



111.8160, 6.5100, 3.1660



58.6640, 99.3920, 48.9600



17.8840, 30.1660, 14.9820

Inverse Universe

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



202.4820, 31.3580, 15.4060



204.6080, 39.9310, 19.7310



214.0920, -29.6180, -2.8820



111.8160, 6.5100, 3.1660



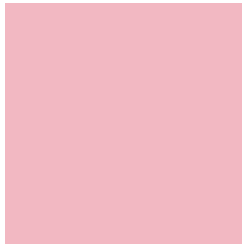
58.6640, 99.3920, 48.9600



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 202.4820, 31.3580, 15.4060 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 202.4820, 31.3580, 15.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

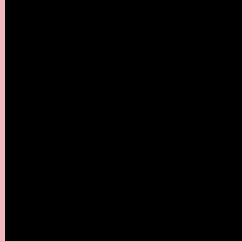
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.4820, 31.3580, 15.4060

Background



This preview shows how black text looks on a background with the YIQ color 202.4820, 31.3580, 15.4060.



This preview shows how white text looks on a background with the YIQ color 202.4820, 31.3580,

15.4060.

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

202.4820, 31.3580, 15.4060

Protanopia

199.6520, 1.1000, 2.0920

Deuteranopia

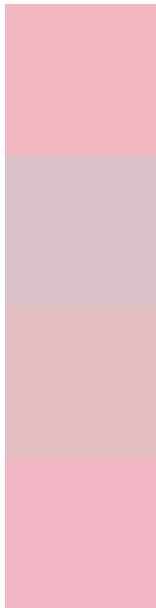
201.2580, 17.0090, 5.6250



Tritanopia

202.3510, 30.3490, 17.1730

Trichromacy



Original Color

202.4820, 31.3580, 15.4060

Protanomaly

200.8600, 12.3780, 6.9540

Deuteranomaly

202.0030, 22.2810, 9.2010

Tritanomaly

202.2370, 30.6700, 16.8620

Monochromacy



Original Color

202.4820, 31.3580, 15.4060

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.4820, 31.3580, 15.4060 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(242, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 194)  
}
```

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(242, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 194) }
```

Border

The CSS property to change the border of an element to YIQ 202.4820, 31.3580, 15.4060 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(242, 184, 194) }
```


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

```
.border{ border-color:rgb(242, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 202.4820, 31.3580, 15.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 194) }
```

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

```
.background{ background-color: rgb(242,  
184, 194) }
```

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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