

Converting Colors

YIQ(203.2540, 14.8050, 23.5490)

Have a look what the booklet for
YIQ(203.2540, 14.8050, 23.5490)
contains.

YIQ(203.2540, 14.8050, 23.5490)	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(203.2540, 14.8050,
23.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B8E3
RGB	232, 184, 227
RGB Percent	91%, 72%, 89%
CMY	0.0900, 0.2785, 0.1098
CMYK	0.00, 0.21, 0.02, 0.09
HSL	306°, 51%, 82%
HSV	306°, 21%, 91%
XYZ	64.2927, 56.9809, 80.2876
YIQ	203.2540, 14.8050, 23.5490

Conversions

Conversions Part 2

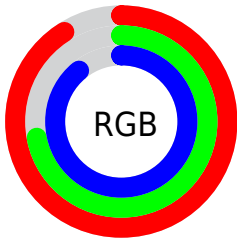
Format	Color
R_{YB}	232, 184, 227
Decimal	15251683
CIE _{Lab}	80.17, 24.39, -14.88
CIE _{LCh}	80, 28.571, 328.618
Yxy	56.9809, 0.3190, 0.2827
Android (android.graphics.Color)	4293441763 (0xFFE8B8E3)
YUV	203.2540, 11.7068, 25.2102
Hunter-Lab	75.4857, 19.9322, -10.2216

Details

The YIQ color $203.2540, 14.8050, 23.5490$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $212.7460, -14.8050, -23.5490$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $149.1290, 13.6590, 22.2910$ is the 20% darker color. If you saturate the color by 10%, you get $189.5250, 21.7720, 34.9560$, and if you desaturate by 10%, it is $216.9830, 7.8380, 12.1420$.

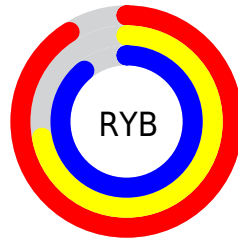
Distribution



Red (91%)

Green (72%)

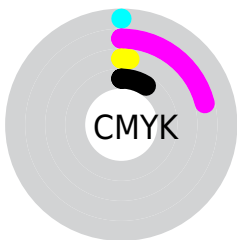
Blue (89%)



Red (91%)

Yellow (72%)

Blue (89%)

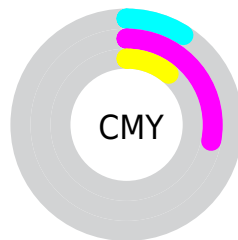


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (9%)



Cyan (9%)


Magenta (28%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.2540, 14.8050, 23.5490 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 203.2540, 14.8050, 23.5490 by changing the saturation by 10% instead.


 203.2540, 14.8050,
23.5490


 203.2540, 14.8050,
23.5490


255.0000, -0.0000,
-0.0000


 175.8410, 14.5300,
23.0260


 246.1950, 4.1250,
7.8450

 149.1290, 13.6590,
22.2910

 122.7160, 13.3840,
21.7680

 97.8900, 12.8340,
20.7220

 73.2920, 11.6420,
20.2980

 49.8790, 11.3670,
19.7750

 27.4660, 11.0920,

19.2520

■ 12.7600, 10.0840,
15.4920

■ 0.0000, 0.0000,
0.0000

■ 203.2540, 14.8050,
23.5490

■ 203.2540, 14.8050,
23.5490

■ 189.5250, 21.7720,
34.9560

■ 216.9830, 7.8380,
12.1420

■ 175.6820, 29.0600,
46.0520

■ 230.8260, 0.5500,
1.0460

■ 161.3660, 36.3020,
57.9820

■ 245.1420, -6.6920,
-10.8840

■ 147.5230, 43.5900,
69.0780

■ 246.0710, -7.9300,
-10.4740

133.7940, 50.5570,
80.4850

246.2990, -8.5720,
-9.8520

119.9510, 57.8450,
91.5810

246.6410, -9.5350,
-8.9190

106.2220, 64.8120,
102.9880

246.8690,
-10.1770, -8.2970

93.0800, 71.5040,
113.8720

247.0970,
-10.8190, -7.6750

247.4390,
-11.7820, -6.7420

Harmonies

Analogous

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



200.8470, -11.9700, 18.7020



203.2540, 14.8050, 23.5490



203.3240, 34.9790, 21.3710

Triad

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



203.2540, 14.8050, 23.5490



198.0630, 30.0790, -10.9850



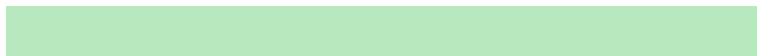
186.3330, -58.6380, -16.6060

Complementary

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



203.2540, 14.8050, 23.5490



212.7460, -14.8050, -23.5490

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.



187.8430, -42.8190, -22.4590



203.2540, 14.8050, 23.5490



194.7720, 8.6690, -19.4510

Square

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



203.2540, 14.8050, 23.5490



199.9710, 42.5020, 0.6620



191.0770, -17.2350, -23.5630



189.9670, -57.1270, -5.4390

Rectangle

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



203.2540, 14.8050, 23.5490



202.1690, 42.5450, 16.4090



191.0770, -17.2350, -23.5630



186.6060, -55.1530, -19.1930

Sweetspot

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



203.2540, 14.8050, 23.5490



245.9670, 4.7670, 7.2230



190.9670, -12.4280, 15.9880



122.6030, 2.7960, 4.3960



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.



203.2540, 14.8050, 23.5490



216.6340, 19.8470, 31.2950



200.5180, 22.5090, 16.0850



107.8420, 3.6210, 5.9650



71.7610, 55.3240, 87.7080



20.4930, 15.6300, 25.1180

Inverse Universe

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



203.2540, 14.8050, 23.5490



216.6340, 19.8470, 31.2950



215.4820, -22.5090, -16.0850



107.8420, 3.6210, 5.9650



71.7610, 55.3240, 87.7080



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 203.2540, 14.8050, 23.5490 looks on a white background.

Color Contrast Check

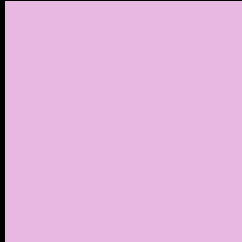
Large Text (above 18pt) WCAG AA × Fail

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 203.2540, 14.8050, 23.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

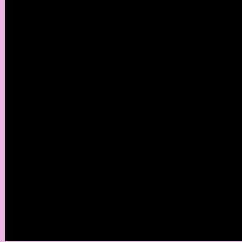
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.2540, 14.8050, 23.5490

Background



This preview shows how black text looks on a background with the YIQ color 203.2540, 14.8050, 23.5490.



This preview shows how white text looks on a background with the YIQ color 203.2540, 14.8050,

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

203.2540, 14.8050, 23.5490

Protanopia

199.6520, -16.0950, 10.8570

Deuteranopia

201.1220, -2.7990, 12.1850



Tritanopia

201.9690, 19.6210, 13.3570

Trichromacy



Original Color

203.2540, 14.8050, 23.5490



Protanomaly

200.8600, -4.8170, 15.7190



Deuteranomaly

201.5790, 3.3440, 16.4960



Tritanomaly

202.7070, 17.6030, 16.8910

Monochromacy



Original Color

203.2540, 14.8050, 23.5490



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.2060, 5.5920, 8.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.2540, 14.8050, 23.5490 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(232, 184, 227)` looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 227)  
}
```

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(232, 184, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 227) }
```

Border

The CSS property to change the border of an element to YIQ 203.2540, 14.8050, 23.5490 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(232, 184, 227) }
```


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

```
.border{ border-color:rgb(232, 184, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 184, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 203.2540, 14.8050, 23.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 227) }
```

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

```
.background{ background-color: rgb(232,  
184, 227) }
```

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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