

Converting Colors

YIQ(191.4890, 21.4530, 24.2130)

Have a look what the booklet for
YIQ(191.4890, 21.4530, 24.2130)
contains.

YIQ(191.4890, 21.4530, 24.2130)	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(191.4890, 21.4530,
24.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AAD1
RGB	227, 170, 209
RGB Percent	89%, 67%, 82%
CMY	0.1096, 0.3334, 0.1803
CMYK	0.00, 0.25, 0.08, 0.11
HSL	319°, 51%, 78%
HSV	319°, 25%, 89%
XYZ	57.5720, 49.6822, 66.8859
YIQ	191.4890, 21.4530, 24.2130

Conversions

Conversions Part 2

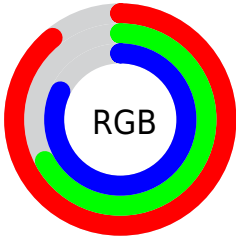
Format	Color
R_{YB}	227, 170, 209
Decimal	14920401
CIE Lab	75.87, 27.04, -11.61
CIE LCh	76, 29.433, 336.763
Yxy	49.6822, 0.3306, 0.2853
Android (android.graphics.Color)	4293110481 (0xFFE3AAD1)
YUV	191.4890, 8.6329, 31.1431
Hunter-Lab	70.4856, 22.4475, -6.9222

Details

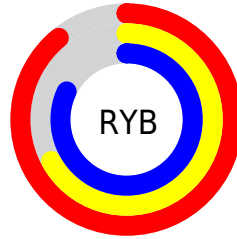
The YIQ color **191.4890, 21.4530, 24.2130** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **205.5110, -21.4530, -24.2130**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.9770, 7.9750, 15.1670**, and **137.4780, 19.9860, 23.2660** is the 20% darker color. If you saturate the color by 10%, you get **177.1900, 30.0250, 34.0650**, and if you desaturate by 10%, it is **205.7880, 12.8810, 14.3610**.

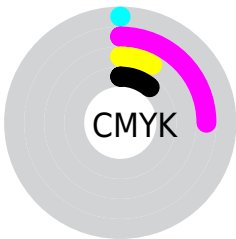
Distribution



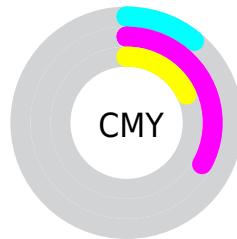
- Red (89%)
- Green (67%)
- Blue (82%)



- Red (89%)
- Yellow (67%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.4890, 21.4530, 24.2130 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 191.4890, 21.4530, 24.2130 by changing the saturation by 10% instead.

191.4890, 21.4530,
24.2130

191.4890, 21.4530,
24.2130

255.0000, -0.0000,
-0.0000

164.0760, 21.1780,
23.6900

237.9770, 7.9750,
15.1670

137.4780, 19.9860,
23.2660

254.4130, 0.2750,
0.5230

111.7660, 19.1150,
22.5310

86.9400, 18.5650,
21.4850

62.3420, 17.3730,
21.0610

39.6300, 16.5020,
20.3260

17.4450, 15.5850,

20.4250

■ 6.3370, 6.6010,
7.0250

■ 0.0000, 0.0000,
0.0000

■ 191.4890, 21.4530,
24.2130

■ 191.4890, 21.4530,
24.2130

■ 177.1900, 30.0250,
34.0650

■ 205.7880, 12.8810,
14.3610

■ 163.4780, 38.3220,
43.3940

■ 219.5000, 4.5840,
5.0320

■ 149.0650, 47.2150,
52.9350

■ 233.9130, -4.3090,
-4.5090

■ 134.7660, 55.7870,
62.7870

■ 244.6900,
-11.2310, -11.2230

120.4670, 64.3590,
72.6390

245.4880,
-13.4780, -9.0460

106.7550, 72.6560,
81.9680

246.2860,
-15.7250, -6.8690

92.4560, 81.2280,
91.8200

246.6280,
-16.6880, -5.9360

85.5430, 85.5370,
96.3290

Harmonies

Analogous

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



190.3210, -4.4970, 20.9350



191.4890, 21.4530, 24.2130



190.8360, 39.2890, 20.3530

Triad

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



191.4890, 21.4530, 24.2130



184.7310, 25.0820, -14.0380



174.0490, -63.5900, -14.9660

Complementary

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



191.4890, 21.4530, 24.2130



205.5110, -21.4530, -24.2130

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.



174.2490, -49.8340, -21.9780



191.4890, 21.4530, 24.2130



181.8960, 2.3880, -21.2600

Square

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



191.4890, 21.4530, 24.2130



187.4930, 40.8520, -2.4760



177.7710, -25.1210, -23.8170



179.0320, -55.7520, -2.8240

Rectangle

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



191.4890, 21.4530, 24.2130



190.2570, 45.1130, 13.9210



177.7710, -25.1210, -23.8170



173.6100, -60.9760, -18.2880

Sweetspot

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



191.4890, 21.4530, 24.2130



242.5760, 7.4260, 8.5940



181.5810, -8.1650, 21.3310



119.7990, 5.1800, 5.2440



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.



191.4890, 21.4530, 24.2130



207.6520, 28.6040, 32.2840



188.2970, 30.4410, 15.5050



107.5000, 4.5840, 5.0320



67.4290, 67.5220, 75.8900



19.2390, 19.1610, 21.6970

Inverse Universe

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



191.4890, 21.4530, 24.2130



207.6520, 28.6040, 32.2840



208.7030, -30.4410, -15.5050



107.5000, 4.5840, 5.0320



67.4290, 67.5220, 75.8900



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 191.4890, 21.4530, 24.2130 looks on a white background.

Color Contrast Check

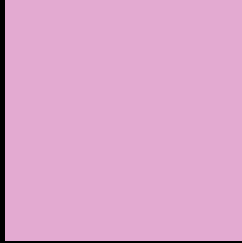
Large Text (above 18pt) WCAG AA × Fail

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 191.4890, 21.4530, 24.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

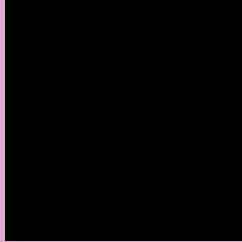
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.4890, 21.4530, 24.2130

Background



This preview shows how black text looks on a background with the YIQ color 191.4890, 21.4530, 24.2130.



This preview shows how white text looks on a background with the YIQ color 191.4890, 21.4530,

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

191.4890, 21.4530, 24.2130

Protanopia

188.2670, -13.5730, 9.2030

Deuteranopia

189.3350, 0.9150, 10.9550



Tritanopia

190.4320, 25.6270, 14.6430

Trichromacy



Original Color

191.4890, 21.4530, 24.2130

Protanomaly

189.3720, -0.5070, 14.7010

Deuteranomaly

190.3900, 8.2500, 15.6900

Tritanomaly

191.0560, 23.9300, 17.8660

Monochromacy



Original Color

191.4890, 21.4530, 24.2130

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.4890, 21.4530, 24.2130 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(227, 170, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 170, 209)  
}
```

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(227, 170, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 170, 209) }
```

Border

The CSS property to change the border of an element to YIQ 191.4890, 21.4530, 24.2130 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(227, 170, 209) }
```


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

```
.border{ border-color:rgb(227, 170, 209) }
```

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

Here you see how a box with a 4 pixel rgb(227, 170, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 170, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 170, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 170,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 191.4890, 21.4530, 24.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 170, 209) }
```

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

```
.background{ background-color: rgb(227,  
170, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor