

Converting Colors

YIQ(190.4520, 22.8750, 20.4670)

Have a look what the booklet for
YIQ(190.4520, 22.8750, 20.4670)
contains.

YIQ(190.4520, 22.8750, 20.4670)	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(190.4520, 22.8750,
20.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ABC8
RGB	225, 171, 200
RGB Percent	88%, 67%, 78%
CMY	0.1175, 0.3295, 0.2156
CMYK	0.00, 0.24, 0.11, 0.12
HSL	328°, 47%, 78%
HSV	328°, 24%, 88%
XYZ	56.0490, 49.3018, 61.2164
YIQ	190.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

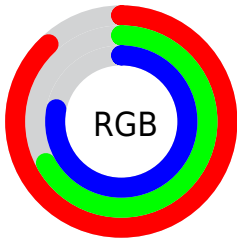
Format	Color
R _Y B	225, 171, 200
Decimal	14789576
CIE Lab	75.64, 24.29, -7.07
CIE LCh	76, 25.303, 343.771
Yxy	49.3018, 0.3365, 0.2960
Android (android.graphics.Color)	4292979656 (0xFFE1ABC8)
YUV	190.4520, 4.7072, 30.2986
Hunter-Lab	70.2152, 19.6102, -2.5407

Details

The YIQ color $190.4520, 22.8750, 20.4670$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $205.5480, -22.8750, -20.4670$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $238.5640, 7.7000, 14.6440$, and $136.4410, 21.4080, 19.5200$ is the 20% darker color. If you saturate the color by 10%, you get $175.8110, 32.4100, 29.3860$, and if you desaturate by 10%, it is $204.5060, 13.6150, 12.0710$.

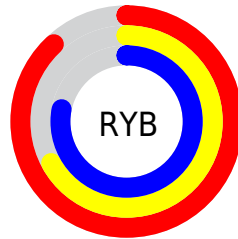
Distribution



Red (88%)

Green (67%)

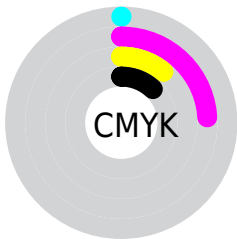
Blue (78%)



Red (88%)

Yellow (67%)

Blue (78%)

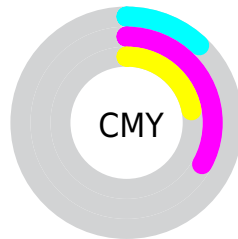


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.4520, 22.8750, 20.4670 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 190.4520, 22.8750, 20.4670 by changing the saturation by 10% instead.

■ 190.4520, 22.8750,
20.4670

■ 190.4520, 22.8750,
20.4670

■ 255.0000, -0.0000,
-0.0000

■ 163.1530, 22.2790,
20.2550

■ 238.5640, 7.7000,
14.6440

■ 136.4410, 21.4080,
19.5200

■ 110.7290, 20.5370,
18.7850

■ 86.1310, 19.3450,
18.3610

■ 62.4190, 18.4740,
17.6260

■ 38.8210, 17.2820,
17.2020

■ 16.7500, 16.0440,

17.6120

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 190.4520, 22.8750,
20.4670

■ 190.4520, 22.8750,
20.4670

■ 175.8110, 32.4100,
29.3860

■ 204.5060, 13.6150,
12.0710

■ 161.6430, 41.9910,
37.4710

■ 219.2610, 3.7590,
3.4630

■ 147.0020, 51.5260,
46.3900

■ 233.3150, -5.5010,
-4.9330

■ 132.8340, 61.1070,
54.4750

■ 244.5480,
-13.7070, -10.4030

■ 118.1930, 70.6420,
63.3940

■ 245.6880,
-16.9170, -7.2930

■ 104.1390, 79.9020,
71.7900

■ 246.0300,
-17.8800, -6.3600

■ 89.3840, 89.7580,
80.3980

■ 81.0690, 95.2590,
85.3310

Harmonies

Analogous

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



189.6760, 1.6930, 18.8850



190.4520, 22.8750, 20.4670



189.8200, 36.2180, 15.4340

Triad

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



190.4520, 22.8750, 20.4670



184.1370, 18.0670, -13.5570



176.6700, -52.0370, -9.5810

Complementary

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



190.4520, 22.8750, 20.4670



205.5480, -22.8750, -20.4670

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.



176.3360, -45.5250, -17.4690



190.4520, 22.8750, 20.4670



181.4270, -3.4810, -19.5210

Square

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



190.4520, 22.8750, 20.4670



186.7200, 32.7830, -4.9210



178.3950, -26.8180, -20.5940



181.4960, -42.3190, 1.5290

Rectangle

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



190.4520, 22.8750, 20.4670



189.0990, 39.5660, 9.8220



178.3950, -26.8180, -20.5940



176.4480, -51.5320, -13.2280

Sweetspot

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



190.4520, 22.8750, 20.4670



243.5220, 7.5180, 6.9260



184.3320, -3.0300, 21.8820



120.9730, 4.6300, 4.1980



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.



190.4520, 22.8750, 20.4670



207.6860, 31.2640, 28.1280



187.4880, 31.2210, 12.3810



104.9730, 4.6300, 4.1980



63.4540, 74.4010, 66.8570



17.3160, 20.2620, 18.2620

Inverse Universe

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



190.4520, 22.8750, 20.4670



207.6860, 31.2640, 28.1280



208.5120, -31.2210, -12.3810



104.9730, 4.6300, 4.1980



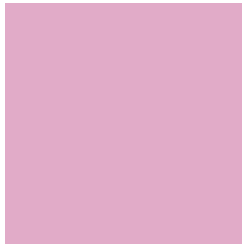
63.4540, 74.4010, 66.8570



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 190.4520, 22.8750, 20.4670 looks on a white background.

Color Contrast Check

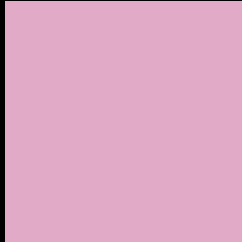
Large Text (above 18pt) WCAG AA × Fail

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 190.4520, 22.8750, 20.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

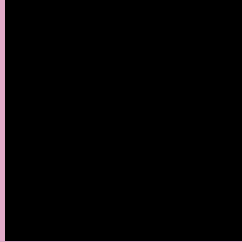
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.4520, 22.8750, 20.4670

Background



This preview shows how black text looks on a background with the YIQ color 190.4520, 22.8750, 20.4670.



This preview shows how white text looks on a background with the YIQ color 190.4520, 22.8750,

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

190.4520, 22.8750, 20.4670

Protanopia

187.1380, -8.8960, 7.0400

Deuteranopia

188.6190, 5.8670, 9.3150



Tritanopia

189.5460, 25.3060, 14.9540

Trichromacy



Original Color

190.4520, 22.8750, 20.4670

Protanomaly

188.3460, 2.3820, 11.9020

Deuteranomaly

189.0760, 12.0100, 13.6260

Tritanomaly

189.8280, 24.5720, 17.2440

Monochromacy



Original Color

190.4520, 22.8750, 20.4670

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2340, 8.3890, 7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.4520, 22.8750, 20.4670 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(225, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 200)  
}
```

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(225, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 200) }
```

Border

The CSS property to change the border of an element to YIQ 190.4520, 22.8750, 20.4670 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(225, 171, 200) }
```


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

```
.border{ border-color:rgb(225, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 171, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 171, 200); box-shadow:4px 4px 4px 4px rgb(225, 171, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 190.4520, 22.8750, 20.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 200) }
```

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

```
.background{ background-color: rgb(225,  
171, 200) }
```

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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