

Converting Colors

YIQ(195.4530, 22.2750, 42.3630)

Have a look what the booklet for
YIQ(195.4530, 22.2750, 42.3630)
contains.

YIQ(195.4530, 22.2750, 42.3630)	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(195.4530, 22.2750,
42.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A2F3
RGB	243, 162, 243
RGB Percent	95%, 64%, 95%
CMY	0.0468, 0.3648, 0.0470
CMYK	0.00, 0.33, 0.00, 0.05
HSL	300°, 77%, 79%
HSV	300°, 33%, 95%
XYZ	66.0766, 51.3659, 91.2312
YIQ	195.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

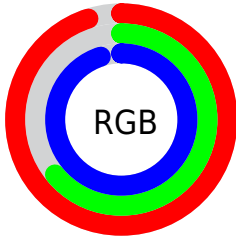
Format	Color
R _Y B	243, 162, 243
Decimal	15966963
CIE _{Lab}	76.90, 42.50, -28.38
CIE _{LCh}	77, 51.105, 326.272
Y _{xy}	51.3659, 0.3167, 0.2462
Android (android.graphics.Color)	4294157043 (0xFFF3A2F3)
YUV	195.4530, 23.4407, 41.6987
Hunter-Lab	71.6700, 39.1465, -25.3032

Details

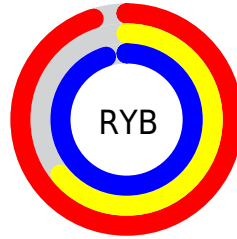
The YIQ color $195.4530, 22.2750, 42.3630$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $209.5470, -22.2750, -42.3630$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $233.2810, 10.1750, 19.3510$, and $140.9150, 20.8540, 40.5820$ is the 20% darker color. If you saturate the color by 10%, you get $181.3650, 28.8750, 54.9150$, and if you desaturate by 10%, it is $209.5410, 15.6750, 29.8110$.

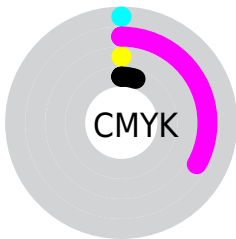
Distribution



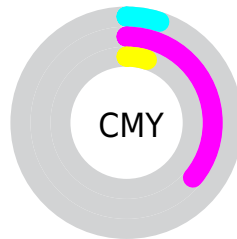
- Red (95%)
- Green (64%)
- Blue (95%)



- Red (95%)
- Yellow (64%)
- Blue (95%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.4530, 22.2750, 42.3630 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 195.4530, 22.2750, 42.3630 by changing the saturation by 10% instead.


 195.4530, 22.2750,
42.3630

 195.4530, 22.2750,
42.3630


255.0000, -0.0000,
-0.0000


 167.6270, 21.7250,
41.3170


 233.2810, 10.1750,
19.3510


 140.9150, 20.8540,
40.5820

 250.3040, 2.2000,
4.1840

 114.0890, 20.3040,
39.5360

 88.3770, 19.4330,
38.8010

 62.1920, 18.5160,
38.9000

 33.0830, 20.4410,
42.5610

 22.9860, 12.9240,

30.1080

■ 13.9000, 6.8740,
18.6020

■ 2.1830, -4.7690,
3.8310

■ 195.4530, 22.2750,
42.3630

■ 195.4530, 22.2750,
42.3630

■ 181.3650, 28.8750,
54.9150

■ 209.5410, 15.6750,
29.8110

■ 166.6900, 35.7500,
67.9900

■ 224.2160, 8.8000,
16.7360

■ 152.6020, 42.3500,
80.5420

■ 238.3040, 2.2000,
4.1840

■ 138.5140, 48.9500,
93.0940

■ 250.0440, -3.3000,
-6.2760

■ 123.8390, 55.8250,
106.1690

■ 109.7510, 62.4250,
118.7210

■ 100.3590, 66.8250,
127.0890

Harmonies

Analogous

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



190.0450, -21.0950, 24.3850



195.4530, 22.2750, 42.3630



187.4540, 46.8970, 36.6650

Triad

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



195.4530, 22.2750, 42.3630



186.1730, 52.7760, -20.3440



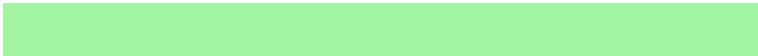
151.8380, -132.6800, -40.3920

Complementary

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



195.4530, 22.2750, 42.3630



209.5470, -22.2750, -42.3630

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.



146.3660, -117.2720, -55.3200



195.4530, 22.2750, 42.3630



181.9510, 17.7500, -35.3540

Square

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



195.4530, 22.2750, 42.3630



187.6290, 69.8280, 1.0280



173.6540, -29.8860, -42.0940



151.1660, -139.0550, -29.4790

Rectangle

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



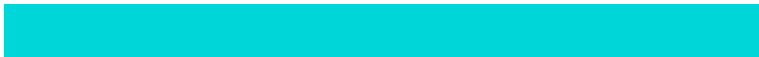
195.4530, 22.2750, 42.3630



184.3930, 56.8940, 26.1900



173.6540, -29.8860, -42.0940



150.1280, -127.8650, -45.0570

Sweetspot

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



195.4530, 22.2750, 42.3630



240.3250, 6.8750, 13.0750



171.2340, -26.0010, 25.1910



118.4940, 4.7210, 8.0570



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.



195.4530, 22.2750, 42.3630



195.1260, 28.0500, 53.3460



190.8930, 35.1150, 29.9230



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Inverse Universe

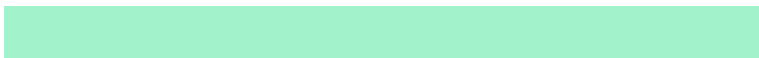
The Inverse Universe completely reimagines the original color for something new.



195.4530, 22.2750, 42.3630



195.1260, 28.0500, 53.3460



214.2210, -35.4360, -29.6120



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 195.4530, 22.2750, 42.3630 looks on a white background.

Color Contrast Check

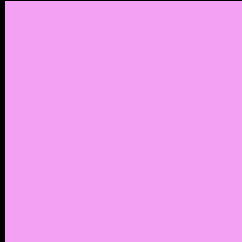
Large Text (above 18pt) WCAG AA × Fail

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 195.4530, 22.2750, 42.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

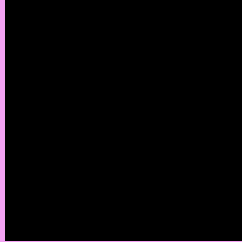
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.4530, 22.2750, 42.3630

Background



This preview shows how black text looks on a background with the YIQ color 195.4530, 22.2750, 42.3630.



This preview shows how white text looks on a background with the YIQ color 195.4530, 22.2750,

42.3630.

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

195.4530, 22.2750, 42.3630

Protanopia

190.5550, -31.6390, 17.2330

Deuteranopia

191.3300, -17.8840, 15.7480



Tritanopia

193.4330, 33.0540, 17.7100

Trichromacy



Original Color

195.4530, 22.2750, 42.3630



Protanomaly

192.5900, -12.3840, 26.2080



Deuteranomaly

192.5540, -3.5350, 25.5290



Tritanomaly

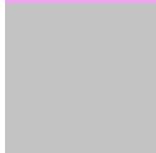
194.2620, 29.5220, 26.6580

Monochromacy



Original Color

195.4530, 22.2750, 42.3630



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4530, 22.2750, 42.3630 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(243, 162, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 162, 243)  
}
```

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(243, 162, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 162, 243) }
```

Border

The CSS property to change the border of an element to YIQ 195.4530, 22.2750, 42.3630 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(243, 162, 243) }
```


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

```
.border{ border-color:rgb(243, 162, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 162, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 162, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 162, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 162,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4530, 22.2750, 42.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 162, 243) }
```

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

```
.background{ background-color: rgb(243,  
162, 243) }
```

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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