

Converting Colors

YIQ(193.0230, 20.6700, 43.9180)

Have a look what the booklet for
YIQ(193.0230, 20.6700, 43.9180)
contains.

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Color

**YIQ(193.0230, 20.6700,
43.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	F09FF5
RGB	240, 159, 245
RGB Percent	94%, 62%, 96%
CMY	0.0586, 0.3766, 0.0392
CMYK	0.02, 0.35, 0.00, 0.04
HSL	297°, 81%, 79%
HSV	297°, 35%, 96%
XYZ	64.8309, 49.9137, 92.6067
YIQ	193.0230, 20.6700, 43.9180

Conversions

Conversions Part 2

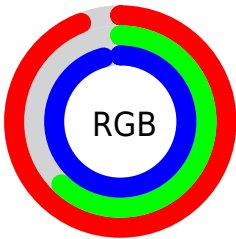
Format	Color
R _Y B	240, 159, 245
Decimal	15769589
CIE _{Lab}	76.02, 43.51, -30.84
CIE _{LCh}	76, 53.335, 324.669
Y _{xy}	49.9137, 0.3127, 0.2407
Android (android.graphics.Color)	4293959669 (0xFFFF09FF5)
Y _{UV}	193.0230, 25.6247, 41.1988
Hunter-Lab	70.6496, 40.1617, -28.2619

Details

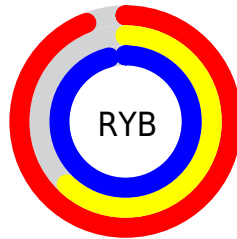
The YIQ color **193.0230, 20.6700, 43.9180** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **210.9770, -20.6700, -43.9180**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5200, 11.0000, 20.9200**, and **138.3710, 19.5700, 41.8260** is the 20% darker color. If you saturate the color by 10%, you get **178.0490, 26.9490, 56.7810**, and if you desaturate by 10%, it is **207.4100, 14.6660, 31.5780**.

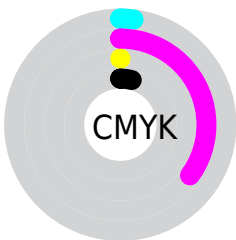
Distribution



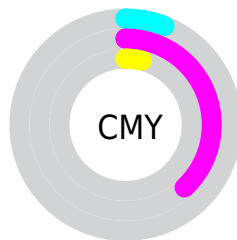
- Red (94%)
- Green (62%)
- Blue (96%)



- Red (94%)
- Yellow (62%)
- Blue (96%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)




- Cyan (6%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.0230, 20.6700, 43.9180 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 193.0230, 20.6700, 43.9180 by changing the saturation by 10% instead.


 193.0230, 20.6700,
43.9180

 193.0230, 20.6700,
43.9180

255.0000, -0.0000,
-0.0000


 165.1970, 20.1200,
42.8720


 231.5200, 11.0000,
20.9200


 138.3710, 19.5700,
41.8260

 248.5430, 3.0250,
5.7530

 111.6590, 18.6990,
41.0910

 85.9470, 17.8280,
40.3560

 59.0610, 17.5070,
40.6670

 32.4140, 18.0110,
42.5470

 22.2030, 10.8150,

29.7830

■ 12.8180, 4.1690,
18.0650

■ 2.2970, -5.0900,
4.1420

■ 193.0230, 20.6700,
43.9180

■ 193.0230, 20.6700,
43.9180

■ 178.0490, 26.9490,
56.7810

■ 207.4100, 14.6660,
31.5780

■ 163.3630, 32.3570,
68.9090

■ 222.6830, 8.9830,
18.9270

■ 148.3890, 38.6360,
81.7720

■ 237.0700, 2.9790,
6.5870

■ 133.7030, 44.0440,
93.9000

■ 251.1690, -2.1540,
-5.0180

■ 118.7290, 50.3230,
106.7630

■ 251.4680, -1.5580,
-4.8060

■ 104.3420, 56.3270,
119.1030

■ 252.0660, -0.3660,
-4.3820

■ 96.9990, 59.0310,
125.1670

■ 252.3650, 0.2300,
-4.1700

■ 252.6640, 0.8260,
-3.9580

■ 253.2620, 2.0180,
-3.5340

Harmonies

Analogous

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



186.4790, -25.3130, 23.7350



193.0230, 20.6700, 43.9180



185.1060, 47.9970, 38.7570

Triad

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



193.0230, 20.6700, 43.9180



183.7280, 55.5270, -20.6410



150.3220, -131.1670, -40.2790

Complementary

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



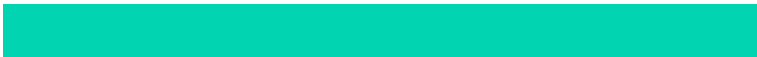
193.0230, 20.6700, 43.9180



210.9770, -20.6700, -43.9180

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.



144.6220, -115.1170, -55.8290



193.0230, 20.6700, 43.9180



178.9790, 20.5470, -36.4850

Square

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



193.0230, 20.6700, 43.9180



184.8250, 72.2120, 1.8760



170.7850, -28.8770, -43.8610



150.5790, -138.7800, -28.9560

Rectangle

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



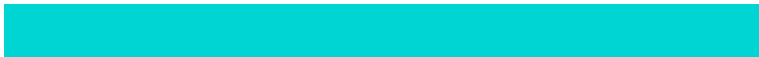
193.0230, 20.6700, 43.9180



181.3440, 58.5900, 28.4940



170.7850, -28.8770, -43.8610



149.0850, -126.3060, -45.7780

Sweetspot

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



193.0230, 20.6700, 43.9180



237.9660, 6.5080, 14.2200



172.3260, -29.2560, 23.6080



117.7220, 4.0790, 8.6790



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.



193.0230, 20.6700, 43.9180



190.3970, 25.8490, 54.6890



190.3000, 35.5270, 33.4710



114.9560, 3.3000, 6.2760



73.5290, 44.5940, 94.9460



23.1710, 13.8410, 30.0090

Inverse Universe

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



185.2840, 49.6510, 19.7870



180.6770, 61.8460, 24.5500



213.7000, -35.5270, -33.4710



113.7020, 6.8310, 2.8550



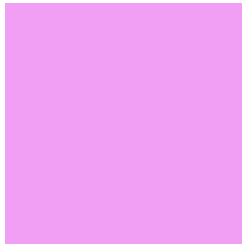
56.8680, 107.3250, 42.8530



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 193.0230, 20.6700, 43.9180 looks on a white background.

Color Contrast Check

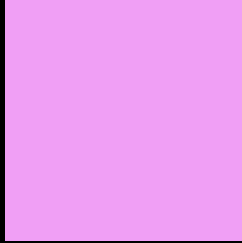
Large Text (above 18pt) WCAG AA × Fail

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 193.0230, 20.6700, 43.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

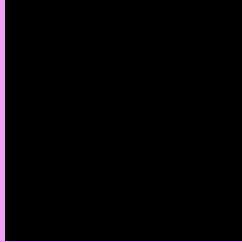
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.0230, 20.6700, 43.9180

Background



This preview shows how black text looks on a background with the YIQ color 193.0230, 20.6700, 43.9180.



This preview shows how white text looks on a background with the YIQ color 193.0230, 20.6700,

43.9180.

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

193.0230, 20.6700, 43.9180

Protanopia

187.5980, -33.1980, 17.9540

Deuteranopia

188.5900, -21.5520, 16.1440



Tritanopia

190.7210, 32.1830, 16.9750

Trichromacy



Original Color

193.0230, 20.6700, 43.9180



Protanomaly

189.9320, -13.3470, 27.1410



Deuteranomaly

190.4120, -6.0110, 26.3490



Tritanomaly

191.7780, 28.0090, 26.5450

Monochromacy



Original Color

193.0230, 20.6700, 43.9180



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.2050, 7.3330, 15.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0230, 20.6700, 43.9180 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(240, 159, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 245)  
}
```

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(240, 159, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 245) }
```

Border

The CSS property to change the border of an element to YIQ 193.0230, 20.6700, 43.9180 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(240, 159, 245) }
```


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

```
.border{ border-color:rgb(240, 159, 245) }
```

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

Here you see how a box with a 4 pixel rgb(240, 159, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0230, 20.6700, 43.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 245) }
```

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

```
.background{ background-color: rgb(240,  
159, 245) }
```

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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