

Converting Colors

YIQ(195.3530, 28.0080, 32.0720)

Have a look what the booklet for
YIQ(195.3530, 28.0080, 32.0720)
contains.

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Color

**YIQ(195.3530, 28.0080,
32.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A7DB
RGB	242, 167, 219
RGB Percent	95%, 65%, 86%
CMY	0.0508, 0.3452, 0.1411
CMYK	0.00, 0.31, 0.10, 0.05
HSL	318°, 74%, 80%
HSV	318°, 31%, 95%
XYZ	63.2379, 51.6281, 73.6625
YIQ	195.3530, 28.0080, 32.0720

Conversions

Conversions Part 2

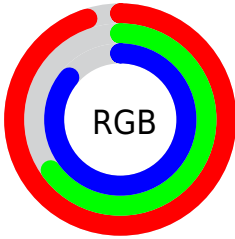
Format	Color
R _Y B	242, 167, 219
Decimal	15902683
CIE Lab	77.06, 35.39, -15.13
CIE LCh	77, 38.485, 336.852
Yxy	51.6281, 0.3354, 0.2738
Android (android.graphics.Color)	4294092763 (0xFF2A7DB)
YUV	195.3530, 11.6580, 40.9094
Hunter-Lab	71.8527, 31.3565, -10.4865

Details

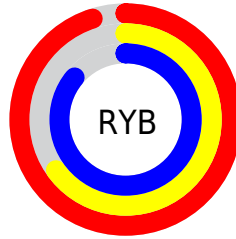
The YIQ color $195.3530, 28.0080, 32.0720$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $213.6470, -28.0080, -32.0720$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $140.9290, 26.2660, 30.6020$ is the 20% darker color. If you saturate the color by 10%, you get $180.4670, 36.8550, 42.4470$, and if you desaturate by 10%, it is $210.2390, 19.1610, 21.6970$.

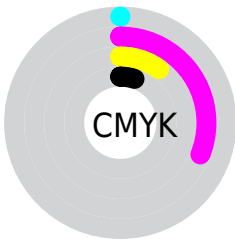
Distribution



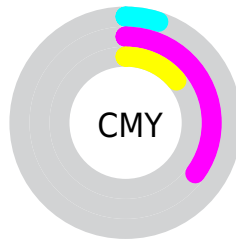
- Red (95%)
- Green (65%)
- Blue (86%)



- Red (95%)
- Yellow (65%)
- Blue (86%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.3530, 28.0080, 32.0720 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 195.3530, 28.0080, 32.0720 by changing the saturation by 10% instead.

195.3530, 28.0080,
32.0720

195.3530, 28.0080,
32.0720

255.0000, -0.0000,
-0.0000

167.6410, 27.1370,
31.3370

236.2160, 8.8000,
16.7360

140.9290, 26.2660,
30.6020

253.2390, 0.8250,
1.5690

114.3310, 25.0740,
30.1780

89.2060, 23.9280,
28.9200

64.0210, 23.0110,
29.0190

38.5480, 22.9650,
29.8530

20.9340, 18.7020,

24.5100

■ 11.9620, 12.3310,
13.3150

■ 0.0000, 0.0000,
0.0000

■ 195.3530, 28.0080,
32.0720

■ 195.3530, 28.0080,
32.0720

■ 180.4670, 36.8550,
42.4470

■ 210.2390, 19.1610,
21.6970

■ 165.4670, 46.0230,
52.5110

■ 225.2390, 9.9930,
11.6330

■ 149.9940, 55.1450,
63.4090

■ 240.7120, 0.8710,
0.7350

■ 134.9940, 64.3130,
73.4730

■ 250.4290, -5.8220,
-4.6220

■ 120.1080, 73.1600,
83.8480

■ 251.1130, -7.7480,
-2.7560

■ 105.1080, 82.3280,
93.9120

■ 91.5100, 90.3040,
103.5520

Harmonies

Analogous

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



193.9390, -6.0570, 27.1830



195.3530, 28.0080, 32.0720



192.7880, 48.4120, 25.7240

Triad

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



195.3530, 28.0080, 32.0720



187.2770, 32.0520, -19.2120



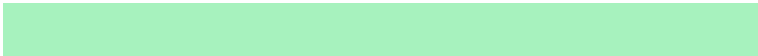
164.9890, -98.8920, -24.9720

Complementary

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



195.3530, 28.0080, 32.0720



213.6470, -28.0080, -32.0720

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.



169.4630, -74.2240, -31.5040



195.3530, 28.0080, 32.0720



183.2670, 2.4810, -28.4550

Square

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



195.3530, 28.0080, 32.0720



190.1860, 51.9020, -4.4980



177.2380, -34.1060, -31.6900



175.4620, -80.5100, -5.6780

Rectangle

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



195.3530, 28.0080, 32.0720



191.3400, 55.2450, 17.5250



177.2380, -34.1060, -31.6900



164.9200, -94.4440, -28.4920

Sweetspot

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



195.3530, 28.0080, 32.0720



240.7010, 8.5720, 9.8520



182.1280, -10.9630, 27.9890



118.6250, 5.7300, 6.2900



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.



195.3530, 28.0080, 32.0720



196.5160, 35.1590, 40.1430



191.1350, 39.8850, 20.5650



112.5000, 4.5840, 5.0320



69.4940, 68.8970, 78.5050



21.1900, 20.8570, 24.0010

Inverse Universe

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



195.3530, 28.0080, 32.0720



196.5160, 35.1590, 40.1430



217.8650, -39.8850, -20.5650



112.5000, 4.5840, 5.0320



69.4940, 68.8970, 78.5050



21.1900, 20.8570, 24.0010

Previews

White Background



This preview shows how the YIQ color 195.3530, 28.0080, 32.0720 looks on a white background.

Color Contrast Check

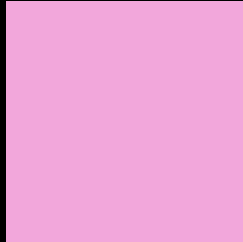
Large Text (above 18pt) WCAG AA × Fail

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 195.3530, 28.0080, 32.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

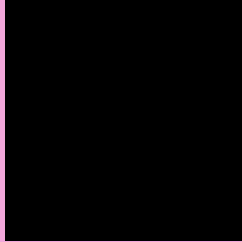
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.3530, 28.0080, 32.0720

Background



This preview shows how black text looks on a background with the YIQ color 195.3530, 28.0080, 32.0720.



This preview shows how white text looks on a background with the YIQ color 195.3530, 28.0080,

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

195.3530, 28.0080, 32.0720

Protanopia

191.4390, -19.8090, 12.0870

Deuteranopia

192.7090, -3.0740, 11.6620



Tritanopia

193.9170, 34.5670, 17.8230

Trichromacy



Original Color

195.3530, 28.0080, 32.0720



Protanomaly

193.0500, -2.2960, 19.5920



Deuteranomaly

193.4980, 8.0660, 19.0260



Tritanomaly

194.4100, 31.8610, 22.8130

Monochromacy



Original Color

195.3530, 28.0080, 32.0720



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.2390, 9.9930, 11.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.3530, 28.0080, 32.0720 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(242, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 219)  
}
```

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(242, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 219) }
```

Border

The CSS property to change the border of an element to YIQ 195.3530, 28.0080, 32.0720 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(242, 167, 219) }
```


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

```
.border{ border-color:rgb(242, 167, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 219);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 195.3530, 28.0080, 32.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 219) }
```

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

```
.background{ background-color: rgb(242,  
167, 219) }
```

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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