

Converting Colors

YIQ(135.8210, 17.2820, 17.2020)

Have a look what the booklet for
YIQ(135.8210, 17.2820, 17.2020)
contains.

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Color

**YIQ(135.8210, 17.2820,
17.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	A37892
RGB	163, 120, 146
RGB Percent	64%, 47%, 57%
CMY	0.3607, 0.5295, 0.4274
CMYK	0.00, 0.26, 0.10, 0.36
HSL	324°, 19%, 55%
HSV	324°, 26%, 64%
XYZ	27.0140, 23.2940, 30.2716
YIQ	135.8210, 17.2820, 17.2020

Conversions

Conversions Part 2

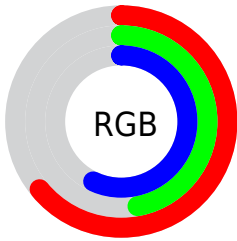
Format	Color
R_{YB}	163, 120, 146
Decimal	10713234
CIE _{Lab}	55.37, 21.09, -7.47
CIE _{LCh}	55, 22.380, 340.488
Yxy	23.2940, 0.3352, 0.2891
Android (android.graphics.Color)	4288903314 (0xFFA37892)
YUV	135.8210, 5.0182, 23.8360
Hunter-Lab	48.2639, 15.4473, -3.4025

Details

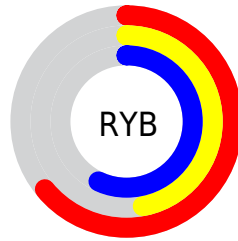
The YIQ color **135.8210, 17.2820, 17.2020** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.1790, -17.2820, -17.2020**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5330, 18.1530, 17.9370**, and **85.8100, 15.8150, 16.2550** is the 20% darker color. If you saturate the color by 10%, you get **125.7450, 23.6080, 23.7040**, and if you desaturate by 10%, it is **145.8970, 10.9560, 10.7000**.

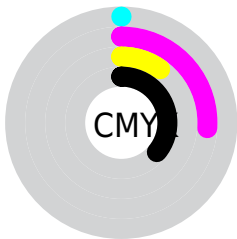
Distribution



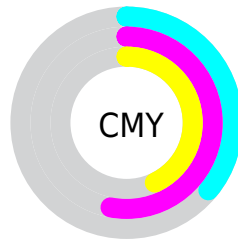
- Red (64%)
- Green (47%)
- Blue (57%)



- Red (64%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8210, 17.2820, 17.2020 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 135.8210, 17.2820, 17.2020 by changing the saturation by 10% instead.

■ 135.8210, 17.2820,
17.2020

■ 135.8210, 17.2820,
17.2020

■ 255.0000, -0.0000,
-0.0000

■ 110.1090, 16.4110,
16.4670

■ 189.5330, 18.1530,
17.9370

■ 85.8100, 15.8150,
16.2550

■ 217.2450, 19.0240,
18.6720

■ 62.0980, 14.9440,
15.5200

■ 239.1510, 7.4250,
14.1210

■ 39.3860, 14.0730,
14.7850

■ 16.6140, 13.4310,
15.4070

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,

0.0000

■ 135.8210, 17.2820,
17.2020

■ 135.8210, 17.2820,
17.2020

■ 125.7450, 23.6080,
23.7040

■ 145.8970, 10.9560,
10.7000

■ 114.9680, 30.5300,
30.4180

■ 156.6740, 4.0340,
3.9860

■ 104.8920, 36.8560,
36.9200

■ 166.7500, -2.2920,
-2.5160

■ 94.7020, 43.5030,
43.1110

■ 176.9400, -8.9390,
-8.7070

■ 84.0390, 50.1040,
50.1360

■ 187.6030,
-15.5400, -15.7320

■ 73.8490, 56.7510,
56.3270

■ 197.7930,
-22.1870, -21.9230

63.7730, 63.0770,
62.8290

207.8690,
-28.5130, -28.4250

60.0230, 65.3690,
65.3450

218.0590,
-35.1600, -34.6160

221.6780,
-38.4610, -35.3650

Harmonies

Analogous

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



134.8990, -0.5530, 15.5350



135.8210, 17.2820, 17.2020



135.0580, 29.6160, 13.9360

Triad

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



135.8210, 17.2820, 17.2020



131.2340, 16.4160, -11.1680



123.6770, -44.7470, -9.5390

Complementary

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



135.8210, 17.2820, 17.2020



147.1790, -17.2820, -17.2020

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.



123.6960, -37.7310, -15.5470



135.8210, 17.2820, 17.2020



128.6170, -0.9600, -15.6480

Square

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



135.8210, 17.2820, 17.2020



132.7350, 28.4270, -3.0690



125.6240, -20.0330, -16.9050



127.4810, -37.9630, -0.3230

Rectangle

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



135.8210, 17.2820, 17.2020



134.5650, 32.3220, 8.9460



125.6240, -20.0330, -16.9050



123.3950, -44.0130, -11.8290

Sweetspot

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



135.8210, 17.2820, 17.2020



201.2230, 6.9220, 6.7140



129.6860, -4.2670, 16.7650



100.0870, 4.3090, 4.5090



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.8210, 17.2820, 17.2020



169.0060, 27.3670, 27.1670



133.4270, 24.0230, 10.6710



76.2610, 3.7590, 3.4630



53.3870, 58.1720, 58.1080



6.6360, 7.1970, 7.2370

Inverse Universe

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



135.8210, 17.2820, 17.2020



169.0060, 27.3670, 27.1670



149.5730, -24.0230, -10.6710



76.2610, 3.7590, 3.4630



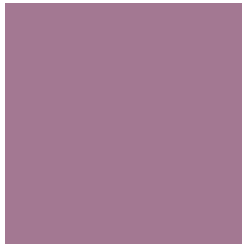
53.3870, 58.1720, 58.1080



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 135.8210, 17.2820, 17.2020 looks on a white background.

Color Contrast Check

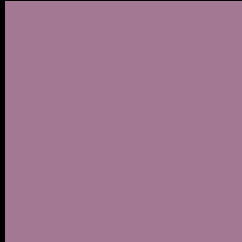
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8210, 17.2820, 17.2020 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 × Fail

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

YIQ 135.8210, 17.2820, 17.2020

Background



This preview shows how black text looks on a background with the YIQ color 135.8210, 17.2820, 17.2020.



This preview shows how white text looks on a background with the YIQ color 135.8210, 17.2820,

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

135.8210, 17.2820, 17.2020

Protanopia

133.6110, -8.8500, 6.2060

Deuteranopia

134.2980, 2.3370, 7.2090



Tritanopia

134.8010, 20.0340, 11.3780

Trichromacy



Original Color

135.8210, 17.2820, 17.2020

Protanomaly

134.5090, 0.3650, 9.9090

Deuteranomaly

135.0430, 7.6090, 10.7850

Tritanomaly

135.0830, 19.3000, 13.6680

Monochromacy



Original Color

135.8210, 17.2820, 17.2020

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9240, 6.3260, 6.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8210, 17.2820, 17.2020 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(163, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 120, 146)  
}
```

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(163, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 120, 146) }
```

Border

The CSS property to change the border of an element to YIQ 135.8210, 17.2820, 17.2020 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(163, 120, 146) }
```


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

```
.border{ border-color:rgb(163, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 120,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8210, 17.2820, 17.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 120, 146) }
```

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

```
.background{ background-color: rgb(163,  
120, 146) }
```

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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