

Converting Colors

YIQ(188.3920, -22.7360,
-28.4960)

Have a look what the booklet for
YIQ(188.3920, -22.7360, -28.4960)
contains.

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Color

**YIQ(188.3920, -22.7360,
-28.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	95D5A5
RGB	149, 213, 165
RGB Percent	58%, 84%, 65%
CMY	0.4159, 0.1646, 0.3530
CMYK	0.30, 0.00, 0.23, 0.16
HSL	135°, 43%, 71%
HSV	135°, 30%, 84%
XYZ	42.9772, 56.7033, 44.2705
YIQ	188.3920, -22.7360, -28.4960

Conversions

Conversions Part 2

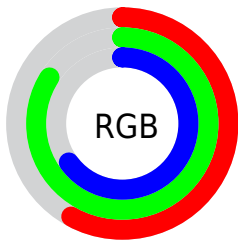
Format	Color
RYB	149, 200, 213
Decimal	9819557
CIELab	80.01, -30.08, 17.37
CIELCh	80, 34.734, 149.989
Yxy	56.7033, 0.2986, 0.3939
Android (android.graphics.Color)	4288009637 (0xFF95D5A5)
YUV	188.3920, -11.5323, -34.5468
Hunter-Lab	75.3016, -29.9016, 17.8539

Details

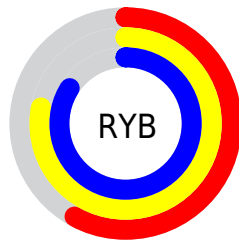
The YIQ color **188.3920, -22.7360, -28.4960** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.6080, 22.7360, 28.4960**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.7610, -19.1610, -21.6970**, and **134.3320, -22.5070, -27.1390** is the 20% darker color. If you saturate the color by 10%, you get **180.2890, -30.1160, -37.9240**, and if you desaturate by 10%, it is **196.4950, -15.3560, -19.0680**.

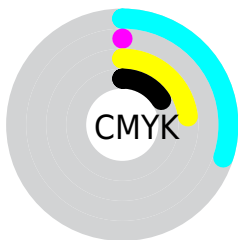
Distribution



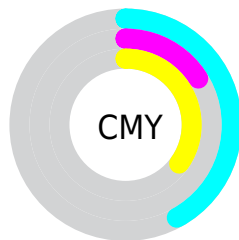
- Red (58%)
- Green (84%)
- Blue (65%)



- Red (58%)
- Yellow (78%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.3920, -22.7360, -28.4960 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 188.3920, -22.7360, -28.4960 by changing the saturation by 10% instead.

■ 188.3920,
-22.7360, -28.4960

■ 188.3920,
-22.7360, -28.4960

■ 255.0000, -0.0000,
-0.0000

■ 160.9190,
-22.7820, -27.6620

■ 235.7610,
-19.1610, -21.6970

■ 134.3320,
-22.5070, -27.1390

■ 247.7380,
-11.1860, -6.5300

■ 108.4460,
-22.8280, -26.8280

■ 83.0870, -23.1950,
-25.6830

■ 57.1190, -26.2210,
-25.9090

■ 36.4400, -22.6910,
-23.8030

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 188.3920,
-22.7360, -28.4960

■ 188.3920,
-22.7360, -28.4960

■ 180.2890,
-30.1160, -37.9240

■ 196.4950,
-15.3560, -19.0680

■ 171.8870,
-38.0920, -47.5640

■ 204.8970, -7.3800,
-9.4280

■ 163.7840,
-45.4720, -56.9920

■ 213.0000, -0.0000,
0.0000

■ 155.6810,
-52.8520, -66.4200

■ 221.1030, 7.3800,
9.4280

■ 147.2790,
-60.8280, -76.0600

■ 229.2060, 14.7600,
18.8560

■ 139.1760,
-68.2080, -85.4880

■ 230.3460, 11.5500,
21.9660

■ 131.0730,
-75.5880, -94.9160

Harmonies

Analogous

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



192.9090, 9.5410, -24.2430



188.3920, -22.7360, -28.4960



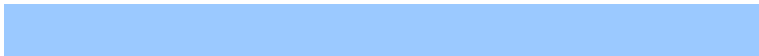
182.7380, -55.8850, -27.9570

Triad

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



188.3920, -22.7360, -28.4960



193.4020, -44.7500, 7.0420



199.2960, 49.3770, 13.7370

Complementary

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



188.3920, -22.7360, -28.4960



173.6080, 22.7360, 28.4960

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.



201.1830, 39.9300, 25.2580



188.3920, -22.7360, -28.4960



201.1830, -12.7960, 22.6600

Square

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



188.3920, -22.7360, -28.4960



185.1160, -73.7240, -7.5160



203.7540, 19.3890, 28.5810



199.0490, 51.0300, 0.2940

Rectangle

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



188.3920, -22.7360, -28.4960



180.1630, -73.0790, -24.7190



203.7540, 19.3890, 28.5810



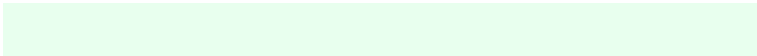
199.2620, 46.7170, 17.8930

Sweetspot

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



188.3920, -22.7360, -28.4960



246.1850, -8.2510, -10.1630



200.9200, 11.0080, -23.2960



122.2610, -5.4090, -6.6010



0.0000, 0.0000, 0.0000



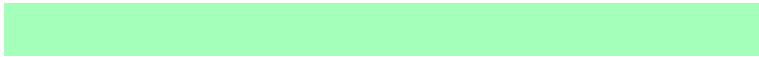
128.0000, -0.0000, -0.0000

Same Dimension

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



188.3920, -22.7360, -28.4960



219.6260, -32.6830, -40.9630



192.0400, -33.0080, -18.5440



102.7990, -3.9880, -4.8200



105.2790, -60.8280, -76.0600



26.4950, -15.3560, -19.0680

Inverse Universe

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



173.6080, 22.7360, 28.4960



198.3740, 32.6830, 40.9630



169.9600, 33.0080, 18.5440



100.2010, 3.9880, 4.8200



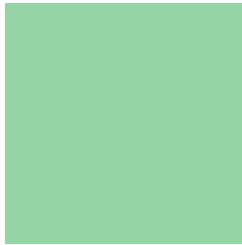
65.7210, 60.8280, 76.0600



16.6190, 15.0350, 19.3790

Previews

White Background



This preview shows how the YIQ color 188.3920, -22.7360, -28.4960 looks on a white background.

Color Contrast Check

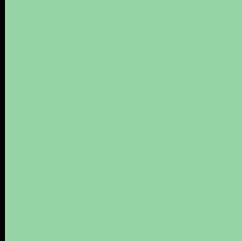
Large Text (above 18pt) WCAG AA × Fail

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 188.3920, -22.7360, -28.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

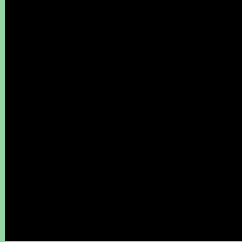
Any Text WCAG AA ✓ Pass

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 188.3920, -22.7360, -28.4960 Background



This preview shows how black text looks on a background with the YIQ color 188.3920, -22.7360, -28.4960.



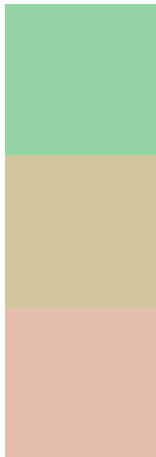
This preview shows how white text looks on a background with the YIQ color 188.3920, -22.7360, -28.4960.

-28.4960.

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

188.3920, -22.7360, -28.4960

Protanopia

196.3270, 20.5880, -9.6840

Deuteranopia

198.7830, 28.4720, 1.6240



Tritanopia

193.4830, -32.2770, -4.2530

Trichromacy



Original Color

188.3920, -22.7360, -28.4960

Protanomaly

193.6130, 4.8630, -16.5530

Deuteranomaly

194.8790, 10.2260, -9.1180

Tritanomaly

191.6540, -28.7450, -13.2010

Monochromacy



Original Color

188.3920, -22.7360, -28.4960

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1850, -8.2510, -10.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.3920, -22.7360, -28.4960 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(149, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(149, 213, 165)  
}
```

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(149, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 213, 165) }
```

Border

The CSS property to change the border of an element to YIQ 188.3920, -22.7360, -28.4960 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(149, 213, 165) }
```


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

```
.border{ border-color:rgb(149, 213, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 213, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(149, 213,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 188.3920, -22.7360, -28.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 213, 165) }
```

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

```
.background{ background-color: rgb(149,  
213, 165) }
```

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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