

Converting Colors

YIQ(189.3620, 22.6480, 8.0560)

Have a look what the booklet for
YIQ(189.3620, 22.6480, 8.0560)
contains.

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Color

**YIQ(189.3620, 22.6480,
8.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B2B2
RGB	216, 178, 178
RGB Percent	85%, 70%, 70%
CMY	0.1528, 0.3020, 0.3019
CMYK	0.00, 0.18, 0.18, 0.15
HSL	360°, 33%, 77%
HSV	360°, 18%, 85%
XYZ	52.2811, 49.6521, 48.9599
YIQ	189.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

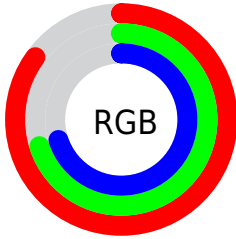
Format	Color
R _Y B	216, 178, 178
Decimal	14201522
CIE Lab	75.86, 13.75, 5.15
CIE LCh	76, 14.679, 20.532
Yxy	49.6521, 0.3465, 0.3291
Android (android.graphics.Color)	4292391602 (0xFFD8B2B2)
YUV	189.3620, -5.6015, 23.3615
Hunter-Lab	70.4643, 9.1259, 8.1292

Details

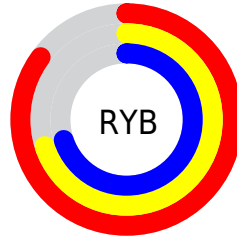
The YIQ color **189.3620, 22.6480, 8.0560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **204.6380, -22.6480, -8.0560**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.2790, 12.5160, 4.4520**, and **135.7640, 21.4560, 7.6320** is the 20% darker color. If you saturate the color by 10%, you get **173.9400, 35.7600, 12.7200**, and if you desaturate by 10%, it is **204.7840, 9.5360, 3.3920**.

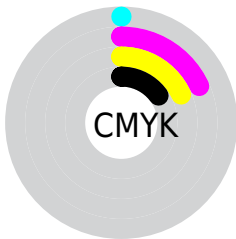
Distribution



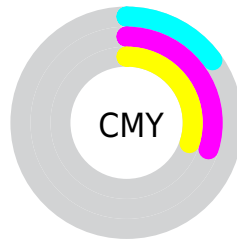
- Red (85%)
- Green (70%)
- Blue (70%)



- Red (85%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.3620, 22.6480, 8.0560 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 189.3620, 22.6480, 8.0560 by changing the saturation by 10% instead.


 189.3620, 22.6480,
8.0560


 189.3620, 22.6480,
8.0560


255.0000, -0.0000,
-0.0000


 162.0630, 22.0520,
7.8440


 240.2790, 12.5160,
4.4520

 135.7640, 21.4560,
7.6320

 110.2800, 19.9430,
7.5190

 85.6820, 18.7510,
7.0950

 62.3830, 18.1550,
6.8830

 40.4860, 16.3670,
6.2470

 18.2580, 17.0090,

5.6250

■ 0.0000, 0.0000,
0.0000

■ 189.3620, 22.6480,
8.0560

■ 189.3620, 22.6480,
8.0560

■ 173.9400, 35.7600,
12.7200

■ 204.7840, 9.5360,
3.3920

■ 159.2190, 48.2760,
17.1720

■ 219.5050, -2.9800,
-1.0600

■ 143.7970, 61.3880,
21.8360

■ 234.9270,
-16.0920, -5.7240

■ 129.0760, 73.9040,
26.2880

■ 243.3390,
-23.2440, -8.2680

■ 113.6540, 87.0160,
30.9520

■ 98.3460, 99.8070,
35.9270

■ 83.5110, 112.6440,
40.0680

■ 68.0890, 125.7560,
44.7320

■ 64.5840, 128.7360,
45.7920

Harmonies

Analogous

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



189.7620, 15.7700, 11.5620



189.3620, 22.6480, 8.0560



188.0860, 23.2450, 2.7410

Triad

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



189.3620, 22.6480, 8.0560



183.9850, -4.8120, -11.9160



185.1580, -20.8160, 2.8000

Complementary

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



189.3620, 22.6480, 8.0560



204.6380, -22.6480, -8.0560

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.



183.2340, -27.1420, -3.7020



189.3620, 22.6480, 8.0560



182.7540, -17.2830, -11.6750

Square

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



189.3620, 22.6480, 8.0560



185.6230, 8.0710, -8.6090



182.2570, -25.9490, -8.8050



187.7790, -9.2630, 8.1850

Rectangle

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



189.3620, 22.6480, 8.0560



187.4830, 20.4490, -1.6550



182.2570, -25.9490, -8.8050



184.7230, -24.0250, 0.3830

Sweetspot

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



189.3620, 22.6480, 8.0560



245.8870, 7.7480, 2.7560



193.3950, 9.8540, 19.6620



122.3920, 4.7680, 1.6960



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.



189.3620, 22.6480, 8.0560



217.1460, 32.1840, 11.4480



199.9280, 17.6980, -1.3580



99.2890, 6.5560, 2.3320



51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Inverse Universe

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



189.3620, 22.6480, 8.0560



217.1460, 32.1840, 11.4480



194.0720, -17.6980, 1.3580



99.2890, 6.5560, 2.3320



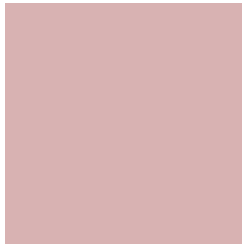
51.1290, 101.9160, 36.2520



12.8570, 25.6280, 9.1160

Previews

White Background



This preview shows how the YIQ color 189.3620, 22.6480, 8.0560 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 189.3620, 22.6480, 8.0560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

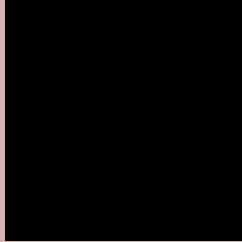
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3620, 22.6480, 8.0560

Background



This preview shows how black text looks on a background with the YIQ color 189.3620, 22.6480, 8.0560.



This preview shows how white text looks on a background with the YIQ color 189.3620, 22.6480,

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

189.3620, 22.6480, 8.0560

Protanopia

187.4520, 4.5390, 0.3390

Deuteranopia

188.9160, 17.9720, 4.6920



Tritanopia

189.8550, 19.9420, 13.0460

Trichromacy



Original Color

189.3620, 22.6480, 8.0560

Protanomaly

188.1540, 11.3700, 3.1940

Deuteranomaly

189.2260, 20.0350, 5.8510

Tritanomaly

189.9860, 20.9510, 11.2790

Monochromacy



Original Color

189.3620, 22.6480, 8.0560

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1860, 8.3440, 2.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3620, 22.6480, 8.0560 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(216, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 178)  
}
```

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(216, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 178) }
```

Border

The CSS property to change the border of an element to YIQ 189.3620, 22.6480, 8.0560 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(216, 178, 178) }
```


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

```
.border{ border-color:rgb(216, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3620, 22.6480, 8.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 178) }
```

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

```
.background{ background-color: rgb(216,  
178, 178) }
```

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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