

Converting Colors

YIQ(122.4200, -80.6920,
-13.3960)

Have a look what the booklet for
YIQ(122.4200, -80.6920, -13.3960)
contains.

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Color

**YIQ(122.4200, -80.6920,
-13.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	2599BD
RGB	37, 153, 189
RGB Percent	15%, 60%, 74%
CMY	0.8551, 0.3998, 0.2592
CMYK	0.80, 0.19, 0.00, 0.26
HSL	194°, 67%, 44%
HSV	194°, 80%, 74%
XYZ	21.3355, 26.8609, 52.1538
YIQ	122.4200, -80.6920, -13.3960

Conversions

Conversions Part 2

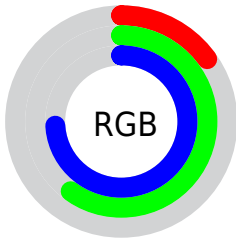
Format	Color
R_{YB}	37, 103, 189
Decimal	2464189
CIE _{Lab}	58.85, -18.74, -27.44
CIE _{LCh}	59, 33.227, 235.675
Yxy	26.8609, 0.2126, 0.2677
Android (android.graphics.Color)	4280654269 (0xFF2599BD)
YUV	122.4200, 32.8239, -74.9133
Hunter-Lab	51.8275, -17.2159, -23.3841

Details

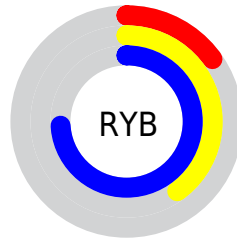
The YIQ color **122.4200, -80.6920, -13.3960** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **103.5800, 80.6920, 13.3960**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7310, -71.2020, -9.1700**, and **75.3780, -71.7060, -11.0500** is the 20% darker color. If you saturate the color by 10%, you get **114.3910, -90.9160, -15.3320**, and if you desaturate by 10%, it is **131.0360, -70.7430, -11.9830**.

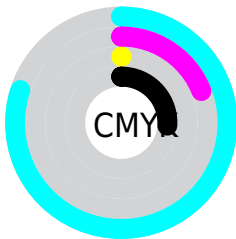
Distribution



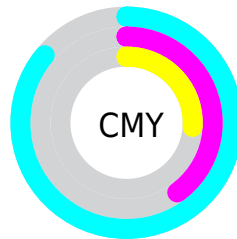
- Red (15%)
- Green (60%)
- Blue (74%)



- Red (15%)
- Yellow (40%)
- Blue (74%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (86%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4200, -80.6920, -13.3960 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 122.4200, -80.6920, -13.3960 by changing the saturation by 10% instead.

■ 122.4200,
-80.6920, -13.3960

■ 122.4200,
-80.6920, -13.3960

■ 255.0000, -0.0000,
-0.0000

■ 93.0170, -86.9270,
-16.0390

■ 182.3180,
-71.4770, -9.6930

■ 75.2640, -71.3850,
-11.3610

■ 208.8640,
-64.5070, -14.8670

■ 58.3260, -56.7600,
-6.5840

■ 228.9870,
-51.8520, -18.4440

■ 41.9750, -42.4100,
-2.3300

■ 237.9570,
-33.9720, -12.0840

■ 27.0260, -29.2520,
1.5000

■ 246.9270,
-16.0920, -5.7240

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 122.4200,
-80.6920, -13.3960

■ 122.4200,
-80.6920, -13.3960

■ 114.3910,
-90.9160, -15.3320

■ 131.0360,
-70.7430, -11.9830

■ 106.0740,
-100.2690, -16.5330

■ 139.0650,
-60.5190, -10.0470

■ 147.0940,
-50.2950, -8.1110

■ 155.7100,
-40.3460, -6.6980

■ 163.4400,
-30.7180, -4.9740

■ 172.0560,
-20.7690, -3.5610

■ 180.0850,
-10.5450, -1.6250

■ 188.7010, -0.5960,
-0.2120

■ 196.7300, 9.6280,
1.7240

Harmonies

Analogous

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



115.2690, -88.1170, -27.5170



122.4200, -80.6920, -13.3960



135.8960, -49.1970, 5.0350

Triad

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



122.4200, -80.6920, -13.3960



144.6170, 35.7120, 24.6080



136.6860, 11.7870, -20.8930

Complementary

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



122.4200, -80.6920, -13.3960



103.5800, 80.6920, 13.3960

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.



139.8030, 33.7470, -11.3810



122.4200, -80.6920, -13.3960



143.6810, 46.8550, 15.3910

Square

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



122.4200, -80.6920, -13.3960



145.3510, 13.1540, 25.9380



141.7650, 46.0780, 1.9340



132.9090, -16.8220, -25.5420

Rectangle

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



122.4200, -80.6920, -13.3960



141.1270, -27.5580, 14.8580



141.7650, 46.0780, 1.9340



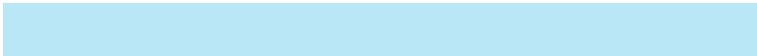
138.1600, 19.2600, -18.6600

Sweetspot

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



122.4200, -80.6920, -13.3960



219.1410, -31.3140, -5.1860



130.2140, -53.0350, -68.6110



106.8390, -18.6600, -3.2360



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



122.4200, -80.6920, -13.3960



140.9660, -126.4480, -21.1680



77.8080, -59.7920, 26.3520



90.1350, -4.8140, -0.8620



89.0390, -83.9930, -14.1450



17.0350, -16.2760, -2.3880

Inverse Universe

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



95.6720, 53.3560, 68.3000



98.9100, 83.4260, 107.0580



147.6050, 60.0670, -25.8290



88.4890, 3.1170, 4.0850



61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 122.4200, -80.6920, -13.3960 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 122.4200, -80.6920, -13.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

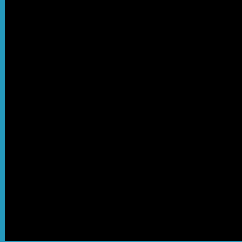
Any Text WCAG AA ✓ Pass

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 122.4200, -80.6920, -13.3960 Background



This preview shows how black text looks on a background with the YIQ color 122.4200, -80.6920, -13.3960.

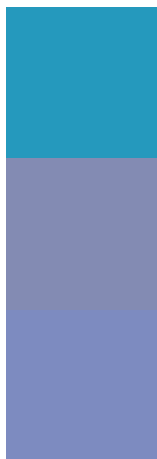


This preview shows how white text looks on a background with the YIQ color 122.4200, -80.6920, -13.3960.

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

122.4200, -80.6920, -13.3960

Protanopia

141.1680, -17.6080, 10.7440

Deuteranopia

140.8560, -25.3570, 13.5150



Tritanopia

110.8380, -97.1490, -29.0290

Trichromacy



Original Color

122.4200, -80.6920, -13.3960

Protanomaly

134.3930, -40.5310, 2.1650

Deuteranomaly

134.1090, -45.4830, 3.8050

Tritanomaly

114.9360, -91.3730, -23.5730

Monochromacy



Original Color

122.4200, -80.6920, -13.3960

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9240, -29.2050, -4.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4200, -80.6920, -13.3960 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(37, 153, 189)` looks like.

```
.text, #text, p{  
    color:rgb(37, 153, 189)  
}
```

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(37, 153, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 153, 189) }
```

Border

The CSS property to change the border of an element to YIQ 122.4200, -80.6920, -13.3960 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(37, 153, 189) }
```


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

```
.border{ border-color:rgb(37, 153, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 153, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 153, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 153, 189);  
box-shadow:4px 4px 4px 4px rgb(37, 153,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4200, -80.6920, -13.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 153, 189) }
```

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

```
.background{ background-color: rgb(37, 153,  
189) }
```

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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