

Converting Colors

YIQ(123.3220, -112.8310,
-20.1510)

Have a look what the booklet for
YIQ(123.3220, -112.8310, -20.1510)
contains.

YIQ(123.3220, -112.8310, -20.1510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(123.3220, -112.8310,
-20.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	03A7D6
RGB	3, 167, 214
RGB Percent	1%, 65%, 84%
CMY	0.9884, 0.3448, 0.1613
CMYK	0.99, 0.22, 0.00, 0.16
HSL	193°, 97%, 43%
HSV	193°, 99%, 84%
XYZ	25.9896, 32.5302, 68.4448
YIQ	123.3220, -112.8310, -20.1510

Conversions

Conversions Part 2

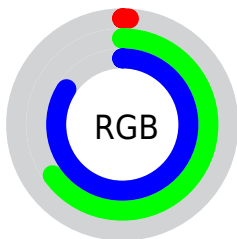
Format	Color
RYB	3, 95, 214
Decimal	239574
CIELab	63.78, -19.34, -33.78
CIELCh	64, 38.923, 240.202
Yxy	32.5302, 0.2047, 0.2562
Android (android.graphics.Color)	4278429654 (0xFF03A7D6)
YUV	123.3220, 44.7043, -105.5224
Hunter-Lab	57.0353, -18.4736, -31.2259

Details

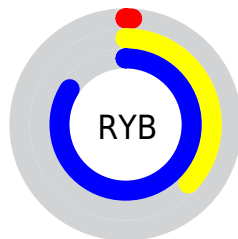
The YIQ color **123.3220, -112.8310, -20.1510** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **93.6780, 112.8310, 20.1510**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.4800, -80.9210, -14.7530**, and **85.6310, -82.6640, -10.6960** is the 20% darker color. If you saturate the color by 10%, you get **121.8380, -114.3440, -20.2640**, and if you desaturate by 10%, it is **132.5360, -101.6900, -18.3140**.

Distribution



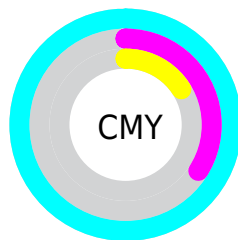
- Red (1%)
- Green (65%)
- Blue (84%)



- Red (1%)
- Yellow (37%)
- Blue (84%)



- Cyan (99%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (99%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3220, -112.8310, -20.1510 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 123.3220, -112.8310, -20.1510 by changing the saturation by 10% instead.

■ 123.3220,
-112.8310, -20.1510

■ 123.3220,
-112.8310, -20.1510

■ 255.0000, -0.0000,
-0.0000

■ 103.9710,
-98.4810, -15.8970

■ 190.4800,
-80.9210, -14.7530

■ 85.6310, -82.6640,
-10.6960

■ 217.0710,
-69.8240, -23.1360

■ 67.9920, -67.4430,
-5.7070

■ 228.9870,
-51.8520, -18.4440

■ 51.5270, -52.7720,
-1.7640

■ 238.2560,
-33.3760, -11.8720

■ 35.2900, -38.7430,
2.8010

■ 247.5250,
-14.9000, -5.3000

■ 21.4010, -25.8140,
5.2740

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 123.3220,
-112.8310, -20.1510

■ 123.3220,
-112.8310, -20.1510

■ 121.8380,
-114.3440, -20.2640

■ 132.5360,
-101.6900, -18.3140

■ 142.0490,
-89.9530, -16.2650

■ 150.6760,
-78.5370, -13.9050

■ 160.1890,
-66.8000, -11.8560

■ 169.4030,
-55.6590, -10.0190

■ 178.6170,
-44.5180, -8.1820

■ 187.5430,
-32.5060, -5.6100

■ 196.7570,
-21.3650, -3.7730

■ 205.9710,
-10.2240, -1.9360

Harmonies

Analogous

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



122.3960, -107.6480, -31.4880



123.3220, -112.8310, -20.1510



148.3670, -54.8370, 8.1310

Triad

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



123.3220, -112.8310, -20.1510



157.8140, 45.5230, 28.5230



148.1430, 8.7620, -26.6460

Complementary

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



123.3220, -112.8310, -20.1510



93.6780, 112.8310, 20.1510

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.



152.0110, 35.8570, -16.5830



123.3220, -112.8310, -20.1510



155.8840, 56.5290, 16.2810

Square

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



123.3220, -112.8310, -20.1510



158.9330, 20.4430, 31.5070



154.0060, 52.5890, -0.4270



142.6580, -26.5410, -31.1250

Rectangle

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



123.3220, -112.8310, -20.1510



155.1750, -27.5130, 19.5510



154.0060, 52.5890, -0.4270



149.6990, 18.9400, -23.8760

Sweetspot

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



123.3220, -112.8310, -20.1510



222.2970, -40.6210, -7.2210



132.1010, -72.7910, -96.0470



107.7890, -24.3910, -3.9990



0.0000, 0.0000, 0.0000



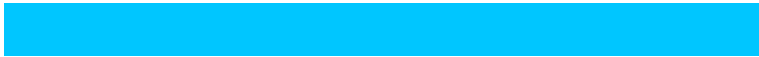
128.0000, -0.0000, -0.0000

Same Dimension

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



123.3220, -112.8310, -20.1510



145.2960, -136.3050, -24.2490



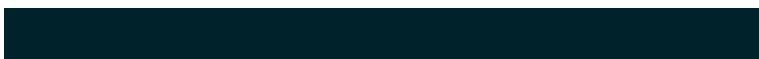
62.2740, -84.2310, 34.2410



102.5370, -6.0060, -1.2860



97.5650, -91.4660, -16.3780



24.8600, -23.1530, -4.4090

Inverse Universe

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



84.7850, 73.1120, 95.7360



98.8170, 88.4220, 115.6380



154.7260, 84.2310, -34.2410



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Previews

White Background



This preview shows how the YIQ color 123.3220, -112.8310, -20.1510 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 123.3220, -112.8310, -20.1510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

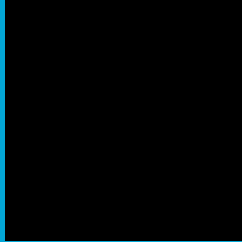
Any Text WCAG AA ✓ Pass

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 123.3220, -112.8310, -20.1510 Background



This preview shows how black text looks on a background with the YIQ color 123.3220, -112.8310, -20.1510.

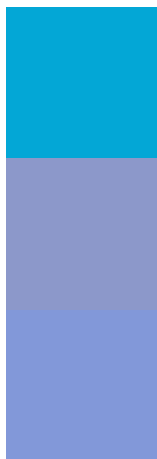


This preview shows how white text looks on a background with the YIQ color 123.3220, -112.8310, -20.1510.

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

123.3220, -112.8310, -20.1510

Protanopia

154.1120, -23.2020, 13.0060

Deuteranopia

152.8320, -33.9770, 15.5510



Tritanopia

121.3530, -106.0890, -32.2090

Trichromacy



Original Color

123.3220, -112.8310, -20.1510

Protanomaly

142.5530, -55.6610, 1.0350

Deuteranomaly

141.8990, -62.4470, 2.8730

Tritanomaly

122.3190, -108.7490, -28.0530

Monochromacy



Original Color

123.3220, -112.8310, -20.1510

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9980, -41.2170, -7.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3220, -112.8310, -20.1510 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(3, 167, 214)` looks like.

```
.text, #text, p{  
    color:rgb(3, 167, 214)  
}
```

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(3, 167, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 167, 214) }
```

Border

The CSS property to change the border of an element to YIQ 123.3220, -112.8310, -20.1510 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(3, 167, 214) }
```


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

```
.border{ border-color:rgb(3, 167, 214) }
```

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

Here you see how a box with a 4 pixel rgb(3, 167, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 167, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 167, 214);  
box-shadow:4px 4px 4px 4px rgb(3, 167,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3220, -112.8310, -20.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 167, 214) }
```

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

```
.background{ background-color: rgb(3, 167,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor