

Converting Colors

YIQ(125.2640, -106.9160,
-22.7240)

Have a look what the booklet for
YIQ(125.2640, -106.9160, -22.7240)
contains.

YIQ(125.2640, -106.9160, -22.7240)	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(125.2640, -106.9160,
-22.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	09A9CD
RGB	9, 169, 205
RGB Percent	4%, 66%, 80%
CMY	0.9649, 0.3370, 0.1965
CMYK	0.96, 0.17, 0.00, 0.20
HSL	191°, 92%, 42%
HSV	191°, 96%, 80%
XYZ	25.3175, 32.8607, 62.6930
YIQ	125.2640, -106.9160, -22.7240

Conversions

Conversions Part 2

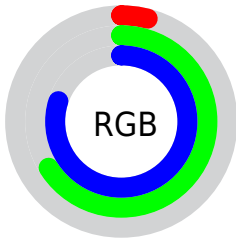
Format	Color
RYB	9, 97, 205
Decimal	633293
CIELab	64.05, -23.32, -28.37
CIELCh	64, 36.729, 230.577
Yxy	32.8607, 0.2095, 0.2719
Android (android.graphics.Color)	4278823373 (0xFF09A9CD)
YUV	125.2640, 39.3098, -101.9635
Hunter-Lab	57.3243, -21.4820, -24.7159

Details

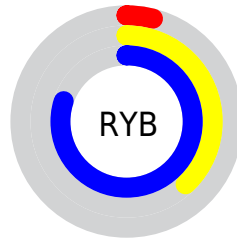
The YIQ color **125.2640, -106.9160, -22.7240** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **88.7360, 106.9160, 22.7240**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3550, -82.0670, -16.0110**, and **85.8930, -80.6460, -14.2300** is the 20% darker color. If you saturate the color by 10%, you get **121.3990, -111.7300, -23.5860**, and if you desaturate by 10%, it is **133.5920, -96.0960, -20.5760**.

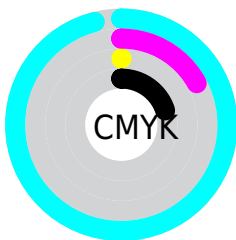
Distribution



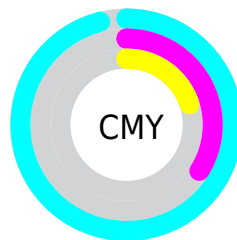
- Red (4%)
- Green (66%)
- Blue (80%)



- Red (4%)
- Yellow (38%)
- Blue (80%)



- Cyan (96%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.2640, -106.9160, -22.7240 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 125.2640, -106.9160, -22.7240 by changing the saturation by 10% instead.

■ 125.2640,
-106.9160, -22.7240

■ 125.2640,
-106.9160, -22.7240

■ 255.0000, -0.0000,
-0.0000

■ 103.5320,
-95.8670, -19.2190

■ 191.9420,
-82.3420, -16.5340

■ 85.8930, -80.6460,
-14.2300

■ 217.9460,
-70.9700, -24.3940

■ 68.2540, -65.4250,
-9.2410

■ 228.6880,
-52.4480, -18.6560

■ 51.2020, -50.4790,
-4.7750

■ 237.6580,
-34.5680, -12.2960

■ 34.9650, -36.4500,
-0.2100

■ 246.9270,
-16.0920, -5.7240

■ 20.6030, -23.5670,
3.0970

■ 4.7080, -10.5010,

8.5950

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 125.2640,
-106.9160, -22.7240

■ 125.2640,
-106.9160, -22.7240

■ 121.3990,
-111.7300, -23.5860

■ 133.5920,
-96.0960, -20.5760

■ 142.2190,
-84.6800, -18.2160

■ 149.9600,
-73.5850, -15.5450

■ 158.5870,
-62.1690, -13.1850

■ 166.9150,
-51.3490, -11.0370

■ 175.5420,
-39.9330, -8.6770

■ 183.2830,
-28.8380, -6.0060

■ 191.9100,
-17.4220, -3.6460

■ 200.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



121.4410, -103.5210, -34.6970



125.2640, -106.9160, -22.7240



146.0730, -62.9970, 1.8270

Triad

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



125.2640, -106.9160, -22.7240



158.7360, 36.9950, 28.8910



150.5680, 17.9310, -22.1090

Complementary

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



125.2640, -106.9160, -22.7240



88.7360, 106.9160, 22.7240

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.



153.9240, 40.7160, -11.0280



125.2640, -106.9160, -22.7240



157.0670, 51.7600, 20.1120

Square

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



125.2640, -106.9160, -22.7240



159.6650, 9.3940, 28.0020



155.5810, 52.5880, 5.1000



146.0680, -13.0160, -28.4400

Rectangle

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



125.2640, -106.9160, -22.7240



153.6250, -37.8280, 13.7560



155.5810, 52.5880, 5.1000



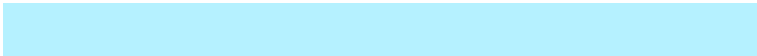
151.7540, 26.2750, -19.1410

Sweetspot

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



125.2640, -106.9160, -22.7240



224.6560, -40.2540, -8.3660



127.8140, -64.4930, -92.2450



109.2620, -24.3450, -4.8330



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.



125.2640, -106.9160, -22.7240



151.1660, -139.0550, -29.4790



69.4990, -80.7910, 26.9610



97.8360, -5.4100, -1.0740



98.1690, -90.4110, -18.9790



22.5290, -20.7230, -4.3950

Inverse Universe

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



85.8440, 65.4560, 91.3120



99.9570, 85.2120, 118.7480



144.5010, 80.7910, -26.9610



95.9020, 3.3920, 4.6080



65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 125.2640, -106.9160, -22.7240 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 125.2640, -106.9160, -22.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

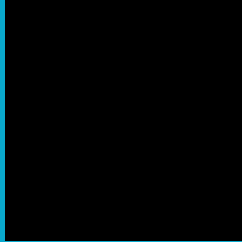
Any Text WCAG AA ✓ Pass

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 125.2640, -106.9160, -22.7240 Background



This preview shows how black text looks on a background with the YIQ color 125.2640, -106.9160, -22.7240.

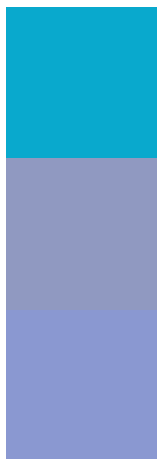


This preview shows how white text looks on a background with the YIQ color 125.2640, -106.9160, -22.7240.

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

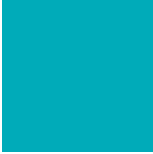
125.2640, -106.9160, -22.7240

Protanopia

154.8690, -18.2040, 10.5320

Deuteranopia

154.3120, -26.6410, 14.7590



Tritanopia

121.4670, -106.4100, -31.8980

Trichromacy



Original Color

125.2640, -106.9160, -22.7240

Protanomaly

144.1960, -50.3420, -1.7500

Deuteranomaly

143.6670, -55.9820, 1.3460

Tritanomaly

122.5750, -106.5940, -28.5620

Monochromacy



Original Color

125.2640, -106.9160, -22.7240

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1400, -38.7410, -8.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.2640, -106.9160, -22.7240 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(9, 169, 205)` looks like.

```
.text, #text, p{  
    color:rgb(9, 169, 205)  
}
```

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(9, 169, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 169, 205) }
```

Border

The CSS property to change the border of an element to YIQ 125.2640, -106.9160, -22.7240 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(9, 169, 205) }
```


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

```
.border{ border-color:rgb(9, 169, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 169, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(9, 169, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(9, 169, 205); box-shadow:4px 4px 4px 4px rgb(9, 169, 205) }
```

Background

The CSS property to change the background color of an element to YIQ 125.2640, -106.9160, -22.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 169, 205) }
```

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

```
.background{ background-color: rgb(9, 169,  
205) }
```

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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