

Converting Colors

YIQ(124.7650, -94.9050,
-14.6250)

Have a look what the booklet for
YIQ(124.7650, -94.9050, -14.6250)
contains.

YIQ(124.7650, -94.9050, -14.6250)	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(124.7650, -94.9050,
-14.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	19A0CD
RGB	25, 160, 205
RGB Percent	10%, 63%, 80%
CMY	0.9022, 0.3723, 0.1965
CMYK	0.88, 0.22, 0.00, 0.20
HSL	195°, 78%, 45%
HSV	195°, 88%, 80%
XYZ	23.9865, 29.7698, 62.1731
YIQ	124.7650, -94.9050, -14.6250

Conversions

Conversions Part 2

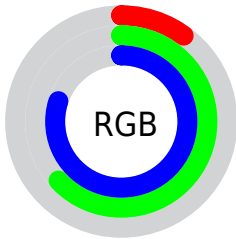
Format	Color
R_{YB}	25, 102, 205
Decimal	1679565
CIE _{Lab}	61.46, -17.89, -32.38
CIE _{LCh}	61, 36.994, 241.083
Yxy	29.7698, 0.2069, 0.2568
Android (android.graphics.Color)	4279869645 (0xFF19A0CD)
YUV	124.7650, 39.5559, -87.4939
Hunter-Lab	54.5617, -17.0104, -29.3679

Details

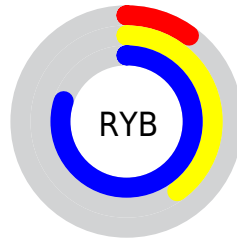
The YIQ color **124.7650, -94.9050, -14.6250** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **105.2350, 94.9050, 14.6250**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.9690, -77.8040, -10.6680**, and **80.6100, -78.1710, -9.5230** is the 20% darker color. If you saturate the color by 10%, you get **115.5510, -106.0460, -16.4620**, and if you desaturate by 10%, it is **133.6800, -84.3600, -13.0000**.

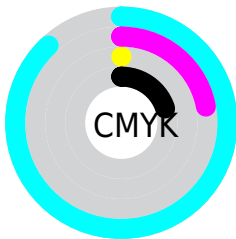
Distribution



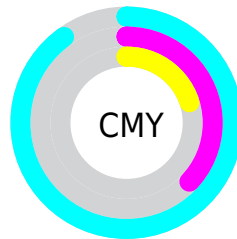
- Red (10%)
- Green (63%)
- Blue (80%)



- Red (10%)
- Yellow (40%)
- Blue (80%)



- Cyan (88%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7650, -94.9050, -14.6250 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 124.7650, -94.9050, -14.6250 by changing the saturation by 10% instead.

■ 124.7650,
-94.9050, -14.6250

■ 124.7650,
-94.9050, -14.6250

■ 255.0000, -0.0000,
-0.0000

■ 98.8360, -93.6670,
-15.0350

■ 186.9690,
-77.8040, -10.6680

■ 80.4960, -77.8500,
-9.8340

■ 212.9730,
-66.4320, -18.5280

■ 63.4440, -62.9040,
-5.3680

■ 229.2860,
-51.2560, -18.2320

■ 47.0930, -48.5540,
-1.1140

■ 238.2560,
-33.3760, -11.8720

■ 31.4430, -34.8000,
2.9280

■ 247.5250,
-14.9000, -5.3000

■ 14.1460, -20.5420,
8.8500

■ 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 124.7650,
-94.9050, -14.6250

■ 124.7650,
-94.9050, -14.6250

■ 115.5510,
-106.0460, -16.4620

■ 133.6800,
-84.3600, -13.0000

■ 113.7680,
-108.1550, -16.7870

■ 142.8940,
-73.2190, -11.1630

■ 151.8090,
-62.6740, -9.5380

■ 161.0230,
-51.5330, -7.7010

■ 170.5250,
-41.2630, -6.5990

■ 179.7390,
-30.1220, -4.7620

■ 188.6540,
-19.5770, -3.1370

■ 197.8680, -8.4360,
-1.3000

■ 206.7830, 2.1090,
0.3250

Harmonies

Analogous

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



117.4890, -103.4760, -30.0040



124.7650, -94.9050, -14.6250



142.8190, -50.2980, 8.4700

Triad

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



124.7650, -94.9050, -14.6250



150.9770, 43.5060, 26.5300



142.0120, 7.7530, -24.8790

Complementary

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



124.7650, -94.9050, -14.6250



105.2350, 94.9050, 14.6250

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.



145.8690, 33.3810, -15.7630



124.7650, -94.9050, -14.6250



149.9760, 53.2740, 14.6980

Square

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



124.7650, -94.9050, -14.6250



152.5800, 19.9390, 29.6270



148.0380, 49.5630, -0.6530



137.0110, -26.0370, -29.2450

Rectangle

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



124.7650, -94.9050, -14.6250



149.3170, -25.0370, 18.7310



148.0380, 49.5630, -0.6530



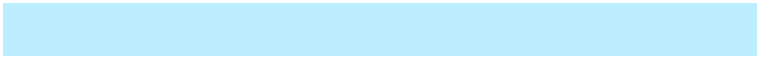
143.8560, 17.0600, -22.8440

Sweetspot

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



124.7650, -94.9050, -14.6250



225.2870, -34.6610, -5.1010



135.4480, -62.9820, -81.0780



110.1700, -21.0900, -3.2500



0.0000, 0.0000, 0.0000



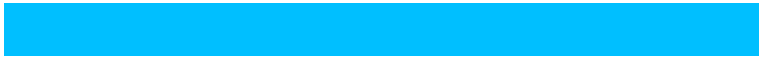
128.0000, -0.0000, -0.0000

Same Dimension

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



124.7650, -94.9050, -14.6250



141.1870, -134.3800, -20.5880



73.6960, -70.9800, 30.8760



97.2490, -5.1350, -0.5510



91.7120, -87.3860, -13.2260



21.3550, -20.1730, -3.3490

Inverse Universe

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



94.2100, 63.9450, 80.1450



98.0190, 90.6690, 113.4610



156.3040, 70.9800, -30.8760



95.7880, 3.7130, 4.2970



63.7700, 59.1320, 73.7560



14.6680, 13.3390, 17.0750

Previews

White Background



This preview shows how the YIQ color 124.7650, -94.9050, -14.6250 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 124.7650, -94.9050, -14.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

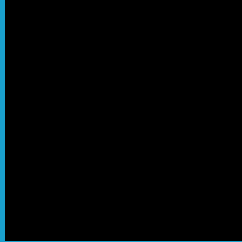
Any Text WCAG AA ✓ Pass

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 124.7650, -94.9050, -14.6250 Background



This preview shows how black text looks on a background with the YIQ color 124.7650, -94.9050, -14.6250.

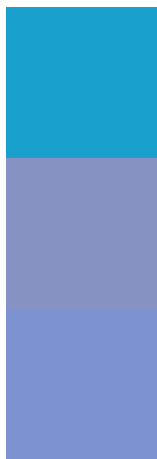


This preview shows how white text looks on a background with the YIQ color 124.7650, -94.9050, -14.6250.

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

124.7650, -94.9050, -14.6250

Protanopia

147.8840, -22.5600, 12.3840

Deuteranopia

146.7890, -32.4180, 14.8300



Tritanopia

116.4460, -101.9170, -30.7250

Trichromacy



Original Color

124.7650, -94.9050, -14.6250

Protanomaly

139.3150, -49.0590, 2.5330

Deuteranomaly

138.8460, -54.9280, 4.2720

Tritanomaly

119.6900, -99.4880, -25.1840

Monochromacy



Original Color

124.7650, -94.9050, -14.6250

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1730, -34.3400, -5.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7650, -94.9050, -14.6250 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(25, 160, 205)` looks like.

```
.text, #text, p{  
    color:rgb(25, 160, 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(25, 160, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 160, 205) }
```

Border

The CSS property to change the border of an element to YIQ 124.7650, -94.9050, -14.6250 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(25, 160, 205) }
```


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

```
.border{ border-color:rgb(25, 160, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 160, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 160, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 160, 205);  
box-shadow:4px 4px 4px 4px rgb(25, 160,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7650, -94.9050, -14.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 160, 205) }
```

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

```
.background{ background-color: rgb(25, 160,  
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](#).

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