

Converting Colors

YIQ(124.0280, -32.7340,
-12.4940)

Have a look what the booklet for
YIQ(124.0280, -32.7340, -12.4940)
contains.

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Color

**YIQ(124.0280, -32.7340,
-12.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	558D8B
RGB	85, 141, 139
RGB Percent	33%, 55%, 55%
CMY	0.6668, 0.4470, 0.4550
CMYK	0.40, 0.00, 0.01, 0.45
HSL	178°, 25%, 44%
HSV	178°, 40%, 55%
XYZ	17.9294, 22.8495, 27.8790
YIQ	124.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

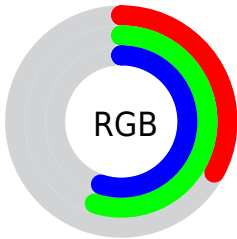
Format	Color
R_{YB}	85, 114, 141
Decimal	5606795
CIE _{Lab}	54.92, -18.92, -4.73
CIE _{LCh}	55, 19.503, 194.032
Yxy	22.8495, 0.2611, 0.3328
Android (android.graphics.Color)	4283796875 (0xFF558D8B)
YUV	124.0280, 7.3812, -34.2276
Hunter-Lab	47.8012, -16.6999, -1.1188

Details

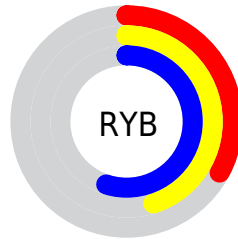
The YIQ color $124.0280, -32.7340, -12.4940$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $101.9720, 32.7340, 12.4940$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.6150, -33.0090, -13.0170$, and $73.4300, -33.9260, -12.9180$ is the 20% darker color. If you saturate the color by 10%, you get $119.7280, -40.7570, -15.7730$, and if you desaturate by 10%, it is $128.2140, -24.3900, -9.5260$.

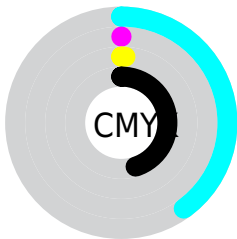
Distribution



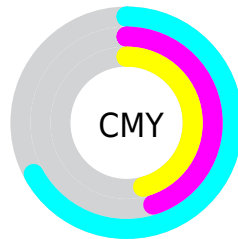
- Red (33%)
- Green (55%)
- Blue (55%)



- Red (33%)
- Yellow (45%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0280, -32.7340, -12.4940 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 124.0280, -32.7340, -12.4940 by changing the saturation by 10% instead.

■ 124.0280,
-32.7340, -12.4940

■ 124.0280,
-32.7340, -12.4940

■ 255.0000, -0.0000,
-0.0000

■ 98.1420, -33.0550,
-12.1830

■ 177.6150,
-33.0090, -13.0170

■ 73.4300, -33.9260,
-12.9180

■ 205.3160,
-33.6050, -13.2290

■ 46.8530, -39.6110,
-14.5150

■ 234.0170,
-34.2010, -13.4410

■ 30.8440, -26.2240,
-9.3280

■ 244.8340,
-20.2640, -7.2080

■ 17.8840, -14.5330,
-6.4450

■ 253.5050, -2.9800,
-1.0600

■ 0.0000, 0.0000,
0.0000

■ 124.0280,
-32.7340, -12.4940

■ 124.0280,
-32.7340, -12.4940

■ 119.7280,
-40.7570, -15.7730

■ 128.2140,
-24.3900, -9.5260

■ 115.5420,
-49.1010, -18.7410

■ 132.5140,
-16.3670, -6.2470

■ 111.2420,
-57.1240, -22.0200

■ 136.8140, -8.3440,
-2.9680

■ 107.0560,
-65.4680, -24.9880

■ 141.0000, -0.0000,
-0.0000

■ 102.4570,
-74.0870, -28.4790

■ 145.3000, 8.0230,
3.2790


■ 98.2710, -82.4310,
-31.4470

■ 149.7850, 16.9630,
6.4590

■ 154.0850, 24.9860,
9.7380

■ 158.2710, 33.3300,

12.7060

 162.5710, 41.3530,
15.9850

Harmonies

Analogous

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



125.3900, -19.2540, -14.5020



124.0280, -32.7340, -12.4940



124.5640, -36.9990, -6.7830

Triad

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



124.0280, -32.7340, -12.4940



133.6280, 1.6480, 14.1920



131.2830, 23.8880, -3.4080

Complementary

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



124.0280, -32.7340, -12.4940



101.9720, 32.7340, 12.4940

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.



132.7770, 28.6090, 4.6490



124.0280, -32.7340, -12.4940



134.0550, 16.5030, 14.7990

Square

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



124.0280, -32.7340, -12.4940



131.4840, -15.6820, 8.8780



133.6230, 26.4070, 11.5190



130.0210, 12.7020, -9.9380

Rectangle

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



124.0280, -32.7340, -12.4940



126.5800, -33.9280, -1.8640



133.6230, 26.4070, 11.5190



131.9460, 26.4550, -0.3690

Sweetspot

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



124.0280, -32.7340, -12.4940



177.3080, -12.7910, -4.9750



118.7690, -13.6120, -28.6520



87.9990, -7.4270, -3.0670



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



124.0280, -32.7340, -12.4940



156.9330, -51.7600, -20.1120



109.5810, -26.5010, 1.2030



68.9070, -4.1720, -1.4840



94.0650, -78.8550, -30.1750



5.4940, -4.4470, -2.0070

Inverse Universe

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



101.9720, 32.7340, 12.4940



122.0670, 51.7600, 20.1120



116.4190, 26.5010, -1.2030



66.2070, 3.8510, 1.7950



40.9350, 78.8550, 30.1750



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 124.0280, -32.7340, -12.4940 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 124.0280, -32.7340, -12.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

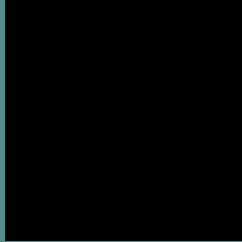
Any Text WCAG AA ✓ Pass

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 124.0280, -32.7340, -12.4940 Background



This preview shows how black text looks on a background with the YIQ color 124.0280, -32.7340, -12.4940.



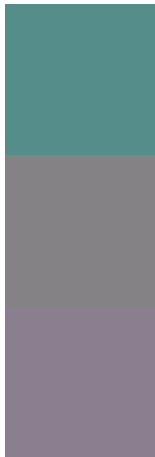
This preview shows how white text looks on a background with the YIQ color 124.0280, -32.7340, -12.4940.

-12.4940.

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

124.0280, -32.7340, -12.4940

Protanopia

131.2390, 0.8250, 1.5690

Deuteranopia

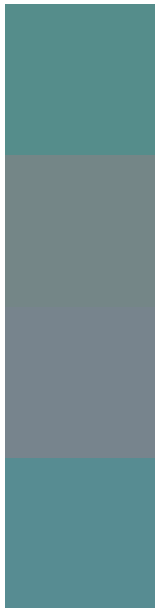
131.9990, 1.7410, 6.9970



Tritanopia

125.0050, -33.9270, -7.3910

Trichromacy



Original Color

124.0280, -32.7340, -12.4940

Protanomaly

128.7320, -11.0490, -3.5050

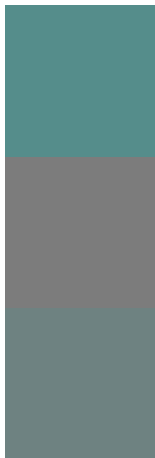
Deuteranomaly

129.1390, -10.6370, 0.0430

Tritanomaly

124.8370, -33.5140, -9.3700

Monochromacy



Original Color

124.0280, -32.7340, -12.4940

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9060, -11.5990, -4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0280, -32.7340, -12.4940 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(85, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(85, 141, 139)  
}
```

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(85, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 141, 139) }
```

Border

The CSS property to change the border of an element to YIQ 124.0280, -32.7340, -12.4940 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(85, 141, 139) }
```


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

```
.border{ border-color:rgb(85, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(85, 141,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0280, -32.7340, -12.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 141, 139) }
```

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

```
.background{ background-color: rgb(85, 141,  
139) }
```

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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