

Converting Colors

YIQ(120.6040, -43.6440,
-24.0280)

Have a look what the booklet for
YIQ(120.6040, -43.6440, -24.0280)
contains.

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Color

**YIQ(120.6040, -43.6440,
-24.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	409480
RGB	64, 148, 128
RGB Percent	25%, 58%, 50%
CMY	0.7492, 0.4195, 0.4982
CMYK	0.57, 0.00, 0.14, 0.42
HSL	166°, 40%, 42%
HSV	166°, 57%, 58%
XYZ	16.5999, 23.8365, 24.1342
YIQ	120.6040, -43.6440, -24.0280

Conversions

Conversions Part 2

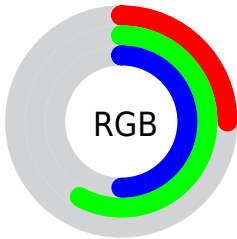
Format	Color
R_{YB}	64, 112, 148
Decimal	4232320
CIE _{Lab}	55.92, -30.53, 2.97
CIE _{LCh}	56, 30.675, 174.446
Y _{xy}	23.8365, 0.2571, 0.3692
Android (android.graphics.Color)	4282422400 (0xFF409480)
Y _{UV}	120.6040, 3.6462, -49.6417
Hunter-Lab	48.8226, -24.7489, 4.8674

Details

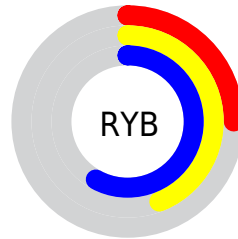
The YIQ color **120.6040, -43.6440, -24.0280** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91.3960, 43.6440, 24.0280**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3760, -43.0020, -24.6500**, and **65.9450, -52.0340, -26.1620** is the 20% darker color. If you saturate the color by 10%, you get **115.6630, -51.3000, -28.4520**, and if you desaturate by 10%, it is **125.4310, -35.6670, -19.9150**.

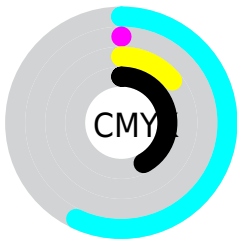
Distribution



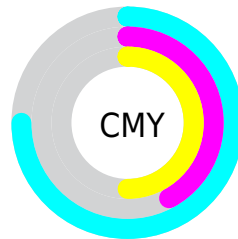
- Red (25%)
- Green (58%)
- Blue (50%)



- Red (25%)
- Yellow (44%)
- Blue (58%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6040, -43.6440, -24.0280 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 120.6040, -43.6440, -24.0280 by changing the saturation by 10% instead.

■ 120.6040,
-43.6440, -24.0280

■ 120.6040,
-43.6440, -24.0280

■ 255.0000, -0.0000,
-0.0000

■ 93.5220, -46.3490,
-24.5650

■ 175.3760,
-43.0020, -24.6500

■ 65.9450, -52.0340,
-26.1620

■ 203.2620,
-42.6810, -24.9610

■ 48.6480, -37.7760,
-20.2400

■ 228.9140,
-41.5810, -22.8690

■ 32.7530, -24.7100,
-14.7420

■ 239.4520,
-30.9920, -11.0240

■ 18.5050, -12.1480,
-11.1240

■ 248.1230,
-13.7080, -4.8760

■ 0.0000, 0.0000,
0.0000

■ 120.6040,
-43.6440, -24.0280

■ 120.6040,
-43.6440, -24.0280

■ 115.6630,
-51.3000, -28.4520

■ 125.4310,
-35.6670, -19.9150

■ 110.8360,
-59.2770, -32.5650

■ 130.3720,
-28.0110, -15.4910

■ 106.1940,
-66.3370, -36.7770

■ 135.0140,
-20.9510, -11.2790

■ 101.3670,
-74.3140, -40.8900

■ 139.8410,
-12.9740, -7.1660

■ 99.7580, -76.9730,
-42.2610


■ 144.7820, -5.3180,
-2.7420

■ 149.6090, 2.6590,
1.3710

■ 154.5500, 10.3150,
5.7950

■ 159.0780, 17.6960,

9.6960

 164.0190, 25.3520,
14.1200

Harmonies

Analogous

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



126.0450, -14.2090, -23.3370



120.6040, -43.6440, -24.0280



113.8150, -71.9790, -22.6270

Triad

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



120.6040, -43.6440, -24.0280



135.3410, -16.4170, 16.6950



134.7260, 41.8140, 2.1180

Complementary

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



120.6040, -43.6440, -24.0280



91.3960, 43.6440, 24.0280

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.



136.0010, 42.9580, 14.4300



120.6040, -43.6440, -24.0280



137.9870, 11.1830, 23.1110

Square

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



120.6040, -43.6440, -24.0280



128.3370, -46.1250, 4.4270



137.2960, 32.1820, 22.5020



132.7750, 30.9500, -10.2500

Rectangle

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



120.6040, -43.6440, -24.0280



114.3510, -76.2440, -16.9160



137.2960, 32.1820, 22.5020



135.1440, 43.6930, 6.6130

Sweetspot

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



120.6040, -43.6440, -24.0280



180.5200, -16.5040, -9.2720



119.5870, -10.5840, -39.4800



90.7490, -9.7190, -5.5830



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



120.6040, -43.6440, -24.0280



148.5960, -67.5290, -37.2010



110.5570, -44.2890, -6.8250



71.6790, -3.5300, -2.1060



92.9760, -71.6550, -39.5190



6.7820, -5.3180, -2.7420

Inverse Universe

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



91.3960, 43.6440, 24.0280



103.4040, 67.5290, 37.2010



101.4430, 44.2890, 6.8250



69.2070, 3.8510, 1.7950



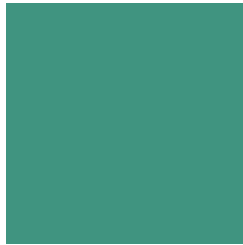
45.0240, 71.6550, 39.5190



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 120.6040, -43.6440, -24.0280 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 120.6040, -43.6440, -24.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

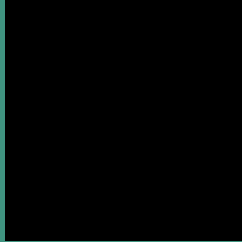
Any Text WCAG AA ✓ Pass

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 120.6040, -43.6440, -24.0280 Background



This preview shows how black text looks on a background with the YIQ color 120.6040, -43.6440, -24.0280.



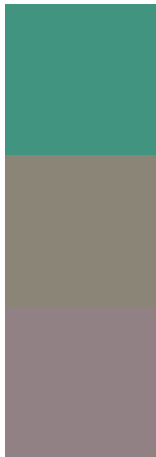
This preview shows how white text looks on a background with the YIQ color 120.6040, -43.6440, -24.0280.

-24.0280.

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

120.6040, -43.6440, -24.0280

Protanopia

133.3120, 7.7490, -2.7710

Deuteranopia

134.4250, 9.1690, 4.5370



Tritanopia

124.4380, -45.5720, -11.1080

Trichromacy



Original Color

120.6040, -43.6440, -24.0280

Protanomaly

128.5160, -10.6810, -10.1770

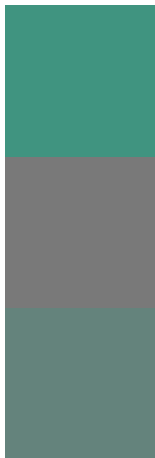
Deuteranomaly

129.4500, -10.3150, -5.7950

Tritanomaly

122.6890, -45.0210, -15.5890

Monochromacy



Original Color

120.6040, -43.6440, -24.0280

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9330, -16.2290, -8.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6040, -43.6440, -24.0280 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(64, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(64, 148, 128)  
}
```

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(64, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 148, 128) }
```

Border

The CSS property to change the border of an element to YIQ 120.6040, -43.6440, -24.0280 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(64, 148, 128) }
```


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

```
.border{ border-color:rgb(64, 148, 128) }
```

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

Here you see how a box with a 4 pixel rgb(64, 148, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(64, 148,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6040, -43.6440, -24.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 148, 128) }
```

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

```
.background{ background-color: rgb(64, 148,  
128) }
```

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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