

Converting Colors

YIQ(61.1280, -21.2720,
-10.9680)

Have a look what the booklet for
YIQ(61.1280, -21.2720, -10.9680)
contains.

YIQ(61.1280, -21.2720, -10.9680)	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(61.1280, -21.2720,
-10.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	224A42
RGB	34, 74, 66
RGB Percent	13%, 29%, 26%
CMY	0.8668, 0.7097, 0.7413
CMYK	0.54, 0.00, 0.11, 0.71
HSL	168°, 37%, 21%
HSV	168°, 54%, 29%
XYZ	4.0915, 5.6326, 6.0227
YIQ	61.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

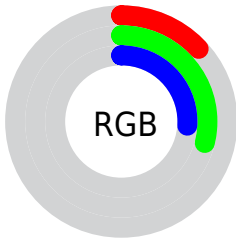
Format	Color
R_{YB}	34, 56, 74
Decimal	2247234
CIE _{Lab}	28.47, -16.43, 0.46
CIE _{LCh}	28, 16.435, 178.390
Yxy	5.6326, 0.2598, 0.3577
Android (android.graphics.Color)	4280437314 (0xFF224A42)
YUV	61.1280, 2.4019, -23.7913
Hunter-Lab	23.7330, -10.7597, 1.5671

Details

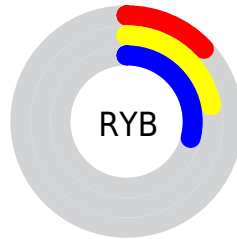
The YIQ color **61.1280, -21.2720, -10.9680** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.8720, 21.2720, 10.9680**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **109.7150, -21.5470, -11.4910**, and **20.2320, -15.6330, -8.5370** is the 20% darker color. If you saturate the color by 10%, you get **58.8070, -24.8020, -13.0740**, and if you desaturate by 10%, it is **63.3350, -17.4210, -9.1730**.

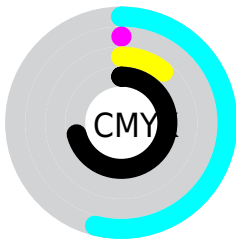
Distribution



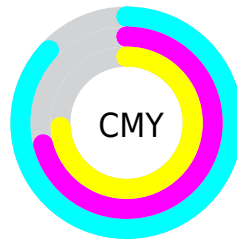
- Red (13%)
- Green (29%)
- Blue (26%)



- Red (13%)
- Yellow (22%)
- Blue (29%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (71%)



- Cyan (87%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.1280, -21.2720, -10.9680 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 61.1280, -21.2720, -10.9680 by changing the saturation by 10% instead.

■ 61.1280, -21.2720,
-10.9680

■ 61.1280, -21.2720,
-10.9680

■ 255.0000, -0.0000,
-0.0000

■ 37.6440, -22.7850,
-11.0810

■ 109.7150,
-21.5470, -11.4910

■ 20.2320, -15.6330,
-8.5370

■ 135.3020,
-21.8220, -12.0140

■ 0.0000, 0.0000,
0.0000

■ 162.0030,
-22.4180, -12.2260

■ 189.0030,
-22.4180, -12.2260

■ 216.7040,
-23.0140, -12.4380

■ 242.3560,

-21.9140, -10.3460

251.7110, -6.5560,
-2.3320

61.1280, -21.2720,
-10.9680

61.1280, -21.2720,
-10.9680

58.8070, -24.8020,
-13.0740

63.3350, -17.4210,
-9.1730

56.3010, -29.2490,
-15.0810

65.9550, -13.2950,
-6.8550

54.0940, -33.1000,
-16.8760

68.1620, -9.4440,
-5.0600

51.4740, -37.2260,
-19.1940

70.7820, -5.3180,
-2.7420

50.1640, -39.2890,
-20.3530

72.9890, -1.4670,
-0.9470

■ 75.3100, 2.0630,
1.1590

■ 77.8160, 6.5100,
3.1660

■ 80.1370, 10.0400,
5.2720

■ 82.6430, 14.4870,
7.2790

Harmonies

Analogous

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



63.5440, -7.8840, -11.3080



61.1280, -21.2720, -10.9680



59.9190, -30.8090, -8.8330

Triad

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



61.1280, -21.2720, -10.9680



68.0460, -5.6410, 8.6230



67.6510, 20.0360, 0.3240

Complementary

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



61.1280, -21.2720, -10.9680



46.8720, 21.2720, 10.9680

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.



67.9380, 20.9060, 6.5860



61.1280, -21.2720, -10.9680



69.2710, 6.9670, 11.4070

Square

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



61.1280, -21.2720, -10.9680



65.6420, -19.3030, 2.9130



69.0070, 16.4580, 10.1060



66.5530, 14.2600, -5.1320

Rectangle

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



61.1280, -21.2720, -10.9680



60.7280, -31.5890, -5.7090



69.0070, 16.4580, 10.1060



67.4170, 20.8150, 2.7270

Sweetspot

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



61.1280, -21.2720, -10.9680



91.8740, -8.5730, -4.3250



60.1710, -5.6360, -19.0120



45.1950, -5.0430, -2.2190



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



61.1280, -21.2720, -10.9680



76.6810, -33.3750, -17.3990



55.5830, -20.8150, -2.7270



36.6900, -2.0630, -1.1590



69.2220, -54.3720, -27.8440



155.8720, -121.9930, -63.3770

Inverse Universe

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



46.8720, 21.2720, 10.9680



54.3190, 33.3750, 17.3990



52.4170, 20.8150, 2.7270



35.3100, 2.0630, 1.1590



32.7780, 54.3720, 27.8440



74.0140, 122.3140, 63.0660

Previews

White Background



This preview shows how the YIQ color 61.1280, -21.2720, -10.9680 looks on a white background.

Color Contrast Check

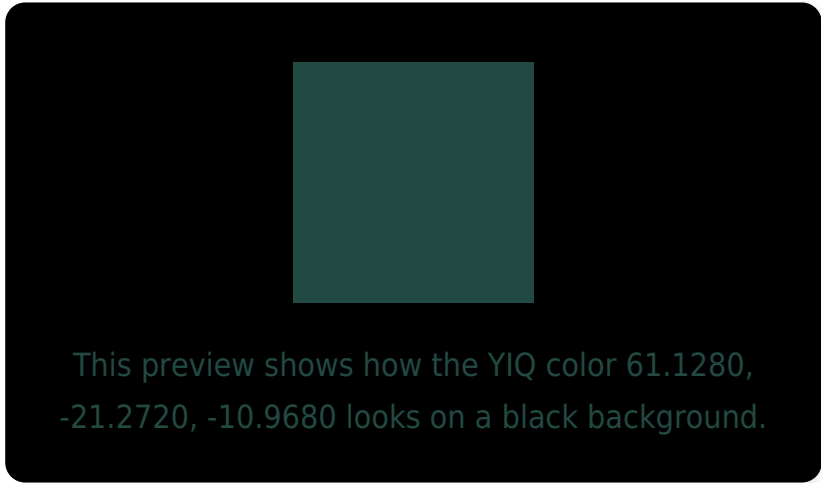
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

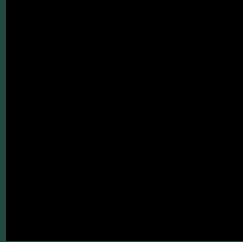
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 61.1280, -21.2720, -10.9680

Background



This preview shows how black text looks on a background with the YIQ color 61.1280, -21.2720, -10.9680.



This preview shows how white text looks on a background with the YIQ color 61.1280, -21.2720,

-10.9680.

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

61.1280, -21.2720, -10.9680

Protanopia

67.0280, 2.7970, -1.1310

Deuteranopia

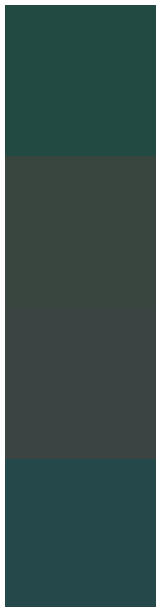
67.7340, 3.8050, 2.6290



Tritanopia

62.5180, -22.1900, -5.3420

Trichromacy



Original Color

61.1280, -21.2720, -10.9680

Protanomaly

65.0160, -6.0970, -5.1450

Deuteranomaly

65.1950, -5.0430, -2.2190

Tritanomaly

62.3500, -21.7770, -7.3210

Monochromacy



Original Color

61.1280, -21.2720, -10.9680

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.1730, -7.9770, -4.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.1280, -21.2720, -10.9680 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(34, 74, 66)` looks like.

```
.text, #text, p{  
    color:rgb(34, 74, 66)  
}
```

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(34, 74, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 74, 66) }
```

Border

The CSS property to change the border of an element to YIQ 61.1280, -21.2720, -10.9680 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(34, 74, 66) }
```


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

```
.border{ border-color:rgb(34, 74, 66) }
```

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

Here you see how a box with a 4 pixel rgb(34, 74, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 74, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 74, 66);  
box-shadow:4px 4px 4px 4px rgb(34, 74, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.1280, -21.2720, -10.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 74, 66) }
```

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

```
.background{ background-color: rgb(34, 74,  
66) }
```

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