

Converting Colors

YIQ(137.9780, -21.2700,
-22.0220)

Have a look what the booklet for
YIQ(137.9780, -21.2700, -22.0220)
contains.

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Color

**YIQ(137.9780, -21.2700,
-22.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	689E7C
RGB	104, 158, 124
RGB Percent	41%, 62%, 49%
CMY	0.5923, 0.3803, 0.5138
CMYK	0.34, 0.00, 0.22, 0.38
HSL	142°, 22%, 51%
HSV	142°, 34%, 62%
XYZ	21.5724, 28.8571, 23.4969
YIQ	137.9780, -21.2700, -22.0220

Conversions

Conversions Part 2

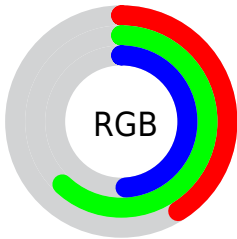
Format	Color
RYB	104, 143, 158
Decimal	6856316
CIELab	60.66, -25.42, 12.20
CIELCh	61, 28.195, 154.357
Yxy	28.8571, 0.2918, 0.3903
Android (android.graphics.Color)	4285046396 (0xFF689E7C)
YUV	137.9780, -6.8912, -29.7987
Hunter-Lab	53.7188, -22.3259, 11.6694

Details

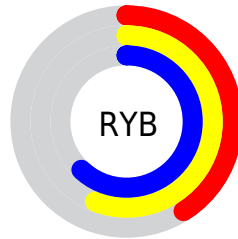
The YIQ color **137.9780, -21.2700, -22.0220** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.0220, 21.2700, 22.0220**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.1520, -21.8200, -23.0680**, and **86.9180, -21.0410, -20.6650** is the 20% darker color. If you saturate the color by 10%, you get **132.0540, -27.5960, -28.5240**, and if you desaturate by 10%, it is **143.9020, -14.9440, -15.5200**.

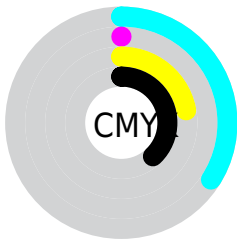
Distribution



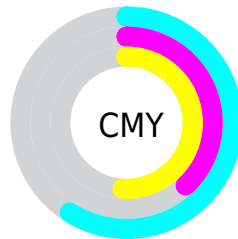
- Red (41%)
- Green (62%)
- Blue (49%)



- Red (41%)
- Yellow (56%)
- Blue (62%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (59%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9780, -21.2700, -22.0220 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 137.9780, -21.2700, -22.0220 by changing the saturation by 10% instead.

■ 137.9780,
-21.2700, -22.0220

■ 137.9780,
-21.2700, -22.0220

■ 255.0000, -0.0000,
-0.0000

■ 112.3910,
-20.9950, -21.4990

■ 192.1520,
-21.8200, -23.0680

■ 86.9180, -21.0410,
-20.6650

■ 219.7390,
-22.0950, -23.5910

■ 62.7330, -21.9580,
-20.5660

■ 239.5210,
-18.2450, -16.2690

■ 37.5800, -25.9010,
-20.6930

■ 250.8140, -8.3440,
-2.9680

■ 22.6310, -12.7430,
-16.8630

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,

0.0000

■ 137.9780,
-21.2700, -22.0220

■ 137.9780,
-21.2700, -22.0220

■ 132.0540,
-27.5960, -28.5240

■ 143.9020,
-14.9440, -15.5200

■ 126.1300,
-33.9220, -35.0260

■ 149.8260, -8.6180,
-9.0180

■ 120.5050,
-39.6520, -41.3160

■ 155.4510, -2.8880,
-2.7280

■ 114.5810,
-45.9780, -47.8180

■ 161.3750, 3.4380,
3.7740

■ 108.6570,
-52.3040, -54.3200

■ 167.2990, 9.7640,
10.2760

■ 102.7330,
-58.6300, -60.8220

■ 173.2230, 16.0900,
16.7780

■ 99.4720, -62.3890,
-64.2850

■ 179.1470, 22.4160,
23.2800

■ 184.7720, 28.1460,
29.5700

■ 190.6960, 34.4720,
36.0720

Harmonies

Analogous

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



141.5480, 3.4880, -19.1680



137.9780, -21.2700, -22.0220



133.6300, -46.5330, -21.2290

Triad

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



137.9780, -21.2700, -22.0220



144.2140, -32.4170, 9.3030



147.8820, 41.6750, 10.1470

Complementary

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



137.9780, -21.2700, -22.0220



124.0220, 21.2700, 22.0220

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.



149.8570, 34.7960, 19.1800



137.9780, -21.2700, -22.0220



148.9570, -6.4680, 18.1080

Square

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



137.9780, -21.2700, -22.0220



137.1630, -54.7430, -4.5910



150.1680, 17.9230, 22.1070



146.1660, 37.4590, -1.5570

Rectangle

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



137.9780, -21.2700, -22.0220



131.9800, -59.1420, -18.4860



150.1680, 17.9230, 22.1070



148.8050, 40.5740, 13.5820

Sweetspot

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



137.9780, -21.2700, -22.0220



199.2390, -8.3430, -8.4950



145.8640, 5.4140, -21.0340



100.2010, -5.1800, -5.2440



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.9780, -21.2700, -22.0220



175.4290, -33.3260, -34.8140



141.0560, -29.9370, -13.6250



76.0380, -3.1630, -3.2510



89.9830, -56.3380, -58.3060



9.4890, -6.0510, -5.9790

Inverse Universe

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



124.0220, 21.2700, 22.0220



153.4570, 33.6470, 34.5030



120.9440, 29.9370, 13.6250



73.9620, 3.1630, 3.2510



53.0170, 56.3380, 58.3060



5.6250, 5.7300, 6.2900

Previews

White Background



This preview shows how the YIQ color 137.9780, -21.2700, -22.0220 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 137.9780, -21.2700, -22.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

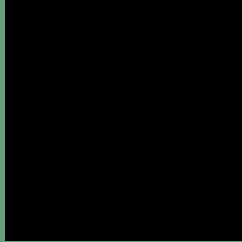
Any Text WCAG AA ✓ Pass

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 137.9780, -21.2700, -22.0220 Background



This preview shows how black text looks on a background with the YIQ color 137.9780, -21.2700, -22.0220.



This preview shows how white text looks on a background with the YIQ color 137.9780, -21.2700, -22.0220.

-22.0220.

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

137.9780, -21.2700, -22.0220

Protanopia

144.6130, 14.0310, -6.4890

Deuteranopia

146.4060, 19.3480, 1.7800



Tritanopia

142.1090, -28.2880, -4.9600

Trichromacy



Original Color

137.9780, -21.2700, -22.0220

Protanomaly

142.3940, 1.2860, -12.2980

Deuteranomaly

143.5240, 4.0360, -7.0680

Tritanomaly

140.6760, -25.8110, -11.3070

Monochromacy



Original Color

137.9780, -21.2700, -22.0220

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9510, -7.4720, -7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9780, -21.2700, -22.0220 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(104, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(104, 158, 124)  
}
```

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(104, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 158, 124) }
```

Border

The CSS property to change the border of an element to YIQ 137.9780, -21.2700, -22.0220 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(104, 158, 124) }
```


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

```
.border{ border-color:rgb(104, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(104, 158,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9780, -21.2700, -22.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 158, 124) }
```

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

```
.background{ background-color: rgb(104,  
158, 124) }
```

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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