

Converting Colors

YIQ(162.2720, 22.4210, -4.3550)

Have a look what the booklet for
YIQ(162.2720, 22.4210, -4.3550)
contains.

YIQ(162.2720, 22.4210, -4.3550)	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(162.2720, 22.4210,
-4.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	B59F82
RGB	181, 159, 130
RGB Percent	71%, 62%, 51%
CMY	0.2902, 0.3765, 0.4901
CMYK	0.00, 0.12, 0.28, 0.29
HSL	34°, 26%, 61%
HSV	34°, 28%, 71%
XYZ	35.4858, 36.2303, 26.2519
YIQ	162.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

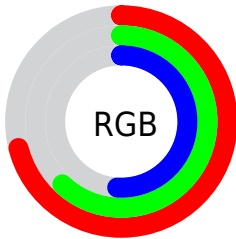
Format	Color
RYB	169, 181, 130
Decimal	11902850
CIELab	66.70, 3.59, 18.10
CIElCh	67, 18.451, 78.792
Yxy	36.2303, 0.3622, 0.3698
Android (android.graphics.Color)	4290092930 (0xFFB59F82)
YUV	162.2720, -15.9101, 16.4245
Hunter-Lab	60.1917, -0.1012, 16.2755

Details

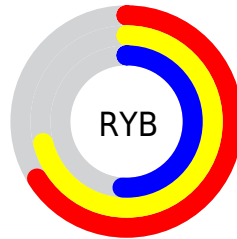
The YIQ color **162.2720, 22.4210, -4.3550** is a light color, and the websafe version is hex **999966**. A complement of this color would be **148.7280, -22.4210, 4.3550**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3430, 23.6590, -4.7650**, and **110.6030, 19.9910, -4.3690** is the 20% darker color. If you saturate the color by 10%, you get **155.5240, 30.3990, -5.7690**, and if you desaturate by 10%, it is **169.0200, 14.4430, -2.9410**.

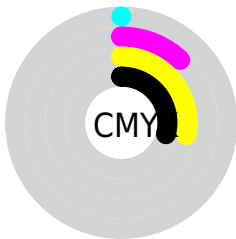
Distribution



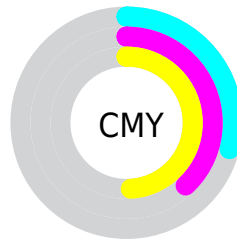
- Red (71%)
- Green (62%)
- Blue (51%)



- Red (66%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.2720, 22.4210, -4.3550 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 162.2720, 22.4210, -4.3550 by changing the saturation by 10% instead.

■ 162.2720, 22.4210,
-4.3550

■ 162.2720, 22.4210,
-4.3550

■ 255.0000, -0.0000,
-0.0000

■ 136.0870, 21.5040,
-4.2560

■ 217.3430, 23.6590,
-4.7650

■ 110.6030, 19.9910,
-4.3690

■ 242.3530, 17.6990,
-6.8850

■ 85.7170, 19.6700,
-4.0580

■ 253.1760, 5.1360,
-4.9760

■ 62.3470, 17.8360,
-3.8600

■ 40.4500, 16.0480,
-4.4960

■ 20.1340, 14.1220,
-2.6300

■ 0.0000, 0.0000,

0.0000

■ 162.2720, 22.4210,
-4.3550

■ 162.2720, 22.4210,
-4.3550

■ 155.5240, 30.3990,
-5.7690

■ 169.0200, 14.4430,
-2.9410

■ 148.7760, 38.3770,
-7.1830

■ 175.7680, 6.4650,
-1.5270

■ 142.6150, 46.0800,
-9.1200

■ 181.9290, -1.2380,
0.4100

■ 135.8670, 54.0580,
-10.5340

■ 188.6770, -9.2160,
1.8240

■ 129.1190, 62.0360,
-11.9480

■ 195.5390,
-17.5150, 3.5490

■ 122.2570, 70.3350,
-13.6730

■ 202.2870,
-25.4930, 4.9630

■ 115.5090, 78.3130,
-15.0870

■ 208.8070,
-32.8290, 5.7550

■ 114.5800, 79.5510,
-15.4970

■ 213.5030,
-35.0290, 1.5710

■ 217.6120,
-36.9540, -2.0900

Harmonies

Analogous

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



163.8370, 28.3800, 3.2920



162.2720, 22.4210, -4.3550



160.2380, 10.5930, -10.2630

Triad

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



162.2720, 22.4210, -4.3550



155.8540, -32.1840, -11.4480



165.1830, 4.3990, 13.8950

Complementary

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



162.2720, 22.4210, -4.3550



148.7280, -22.4210, 4.3550

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.



162.8650, -12.3810, 9.6270



162.2720, 22.4210, -4.3550



156.9880, -35.2570, -5.3130

Square

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



162.2720, 22.4210, -4.3550



156.3190, -20.4920, -14.0920



159.9230, -27.4640, 2.1360



165.3110, 18.6580, 14.2900

Rectangle

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



162.2720, 22.4210, -4.3550



159.2690, 0.1400, -13.5560



159.9230, -27.4640, 2.1360



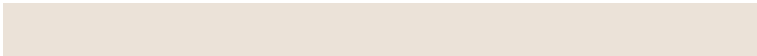
164.1330, -1.3320, 13.1320

Sweetspot

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



162.2720, 22.4210, -4.3550



227.5510, 8.5740, -1.2020



147.7570, 23.3340, 17.6540



112.8110, 4.9060, -0.8060



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



162.2720, 22.4210, -4.3550



205.3350, 35.3050, -6.5750



174.2890, 14.5830, -16.4970



85.6260, 3.9890, -0.7070



96.8160, 67.2630, -13.0650



15.9920, 11.6460, -1.8100

Inverse Universe

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



148.7280, -22.4210, 4.3550



184.0780, -35.0300, 7.0980



136.7110, -14.5830, 16.4970



83.3740, -3.9890, 0.7070



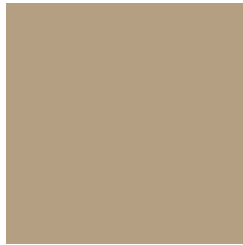
56.1840, -67.2630, 13.0650



9.4210, -11.3710, 2.3330

Previews

White Background



This preview shows how the YIQ color 162.2720, 22.4210, -4.3550 looks on a white 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

Black Background



This preview shows how the YIQ color 162.2720, 22.4210, -4.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

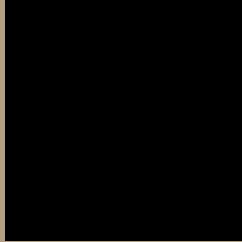
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.2720, 22.4210, -4.3550

Background



This preview shows how black text looks on a background with the YIQ color 162.2720, 22.4210, -4.3550.



This preview shows how white text looks on a background with the YIQ color 162.2720, 22.4210,

-4.3550.

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

162.2720, 22.4210, -4.3550

Protanopia

161.4560, 15.9110, -7.5210

Deuteranopia

163.0170, 27.6930, -0.7790



Tritanopia

164.6370, 14.6240, 10.3040

Trichromacy



Original Color

162.2720, 22.4210, -4.3550

Protanomaly

161.7660, 17.9740, -6.3620

Deuteranomaly

162.7070, 25.6300, -1.9380

Tritanomaly

164.0300, 17.6510, 5.0030

Monochromacy



Original Color

162.2720, 22.4210, -4.3550

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1380, 8.2990, -1.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.2720, 22.4210, -4.3550 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(181, 159, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 130)  
}
```

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(181, 159, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 130) }
```

Border

The CSS property to change the border of an element to YIQ 162.2720, 22.4210, -4.3550 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(181, 159, 130) }
```


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

```
.border{ border-color:rgb(181, 159, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 159, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 159, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 159, 130); box-shadow:4px 4px 4px 4px rgb(181, 159, 130) }
```

Background

The CSS property to change the background color of an element to YIQ 162.2720, 22.4210, -4.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 130) }
```

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

```
.background{ background-color: rgb(181,  
159, 130) }
```

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