

Converting Colors

YIQ(204.3730, -29.7520,
-22.4880)

Have a look what the booklet for
YIQ(204.3730, -29.7520, -22.4880)
contains.

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Color

**YIQ(204.3730, -29.7520,
-22.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E3C7
RGB	162, 227, 199
RGB Percent	64%, 89%, 78%
CMY	0.3649, 0.1097, 0.2197
CMYK	0.29, 0.00, 0.12, 0.11
HSL	154°, 54%, 76%
HSV	154°, 29%, 89%
XYZ	52.6739, 66.7522, 64.1261
YIQ	204.3730, -29.7520, -22.4880

Conversions

Conversions Part 2

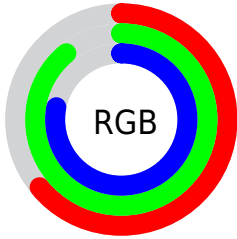
Format	Color
RYB	162, 203, 227
Decimal	10675143
CIELab	85.38, -26.28, 7.15
CIELCh	85, 27.234, 164.786
Yxy	66.7522, 0.2870, 0.3637
Android (android.graphics.Color)	4288865223 (0xFFA2E3C7)
YUV	204.3730, -2.6489, -37.1611
Hunter-Lab	81.7020, -27.8984, 10.6560

Details

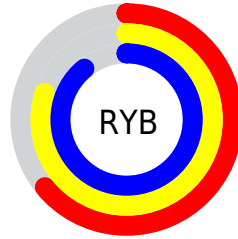
The YIQ color **204.3730, -29.7520, -22.4880** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184.6270, 29.7520, 22.4880**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.9370, -22.0520, -7.8440**, and **149.1990, -29.2020, -21.4420** is the 20% darker color. If you saturate the color by 10%, you get **196.3560, -40.2500, -30.4740**, and if you desaturate by 10%, it is **212.3900, -19.2540, -14.5020**.

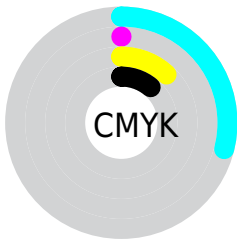
Distribution



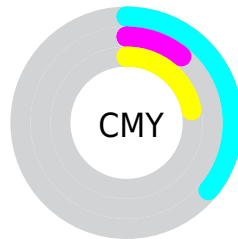
- Red (64%)
- Green (89%)
- Blue (78%)



- Red (64%)
- Yellow (80%)
- Blue (89%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3730, -29.7520, -22.4880 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 204.3730, -29.7520, -22.4880 by changing the saturation by 10% instead.

■ 204.3730,
-29.7520, -22.4880

■ 204.3730,
-29.7520, -22.4880

■ 255.0000, -0.0000,
-0.0000

■ 176.7860,
-29.4770, -21.9650

■ 243.9370,
-22.0520, -7.8440

■ 149.1990,
-29.2020, -21.4420

■ 252.6080, -4.7680,
-1.6960

■ 123.1990,
-29.2020, -21.4420

■ 97.7260, -29.2480,
-20.6080

■ 72.2420, -30.7610,
-20.7210

■ 46.6760, -34.9790,
-21.3710

■ 30.7810, -21.9130,

-15.8730

■ 15.9630, -7.7460,
-13.8100

■ 0.0000, 0.0000,
0.0000

■ 204.3730,
-29.7520, -22.4880

■ 204.3730,
-29.7520, -22.4880

■ 196.3560,
-40.2500, -30.4740

■ 212.3900,
-19.2540, -14.5020

■ 188.6380,
-50.1520, -38.2480

■ 220.1080, -9.3520,
-6.7280

■ 180.7350,
-60.9710, -45.9230

■ 228.0110, 1.4670,
0.9470

■ 172.7180,
-71.4690, -53.9090

■ 236.0280, 11.9650,
8.9330

■ 164.7010,
-81.9670, -61.8950

■ 237.7660, 9.9470,
12.4670

■ 156.9830,
-91.8690, -69.6690

■ 238.5640, 7.7000,
14.6440

■ 148.9660,
-102.3670, -77.6550

■ 147.9550,
-103.8340, -78.6020

Harmonies

Analogous

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



207.7750, -4.5810, -21.6130



204.3730, -29.7520, -22.4880



202.3570, -50.0180, -18.6420

Triad

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



204.3730, -29.7520, -22.4880



212.7270, -20.6800, 11.3520



213.3500, 40.1170, 5.3410

Complementary

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



204.3730, -29.7520, -22.4880



184.6270, 29.7520, 22.4880

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.



213.6240, 33.8340, 14.5860



204.3730, -29.7520, -22.4880



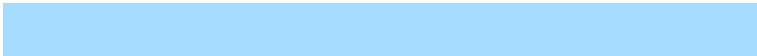
217.3280, 2.7930, 20.9770

Square

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



204.3730, -29.7520, -22.4880



207.8440, -43.4190, -0.5630



217.2890, 24.8920, 22.4600



213.4600, 36.4510, -5.3170

Rectangle

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



204.3730, -29.7520, -22.4880



202.6970, -56.6670, -13.7790



217.2890, 24.8920, 22.4600



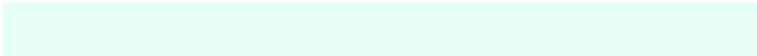
212.9740, 38.4200, 8.5640

Sweetspot

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



204.3730, -29.7520, -22.4880



246.9830, -10.4980, -7.9860



208.5270, -1.1870, -28.0590



122.7170, -6.6930, -5.3570



0.0000, 0.0000, 0.0000



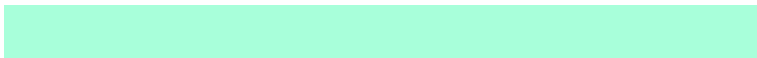
128.0000, -0.0000, -0.0000

Same Dimension

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



204.3730, -29.7520, -22.4880



224.7690, -39.9750, -29.9510



205.2170, -37.6400, -11.6880



110.8420, -5.5470, -4.0990



116.7010, -81.9670, -61.8950



33.2430, -23.3340, -17.6540

Inverse Universe

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



184.6270, 29.7520, 22.4880



198.3450, 39.6540, 30.2620



183.7830, 37.6400, 11.6880



107.1580, 5.5470, 4.0990



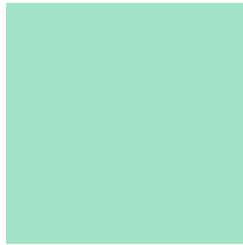
62.2990, 81.9670, 61.8950



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 204.3730, -29.7520, -22.4880 looks on a white background.

Color Contrast Check

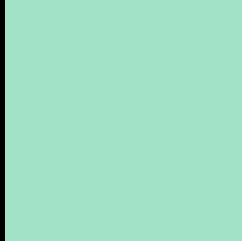
Large Text (above 18pt) WCAG AA × Fail

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 204.3730, -29.7520, -22.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

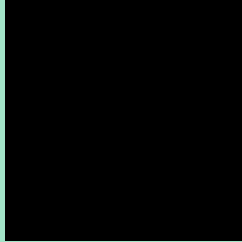
Any Text WCAG AA ✓ Pass

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 204.3730, -29.7520, -22.4880 Background



This preview shows how black text looks on a background with the YIQ color 204.3730, -29.7520, -22.4880.



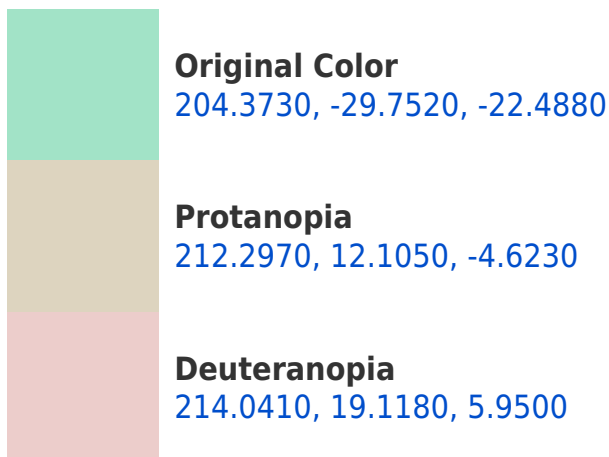
This preview shows how white text looks on a background with the YIQ color 204.3730, -29.7520, -22.4880.

-22.4880.

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





Tritanopia

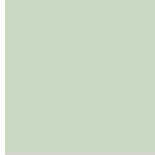
207.8030, -36.1740, -5.2140

Trichromacy



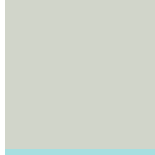
Original Color

204.3730, -29.7520, -22.4880



Protanomaly

209.2950, -2.7490, -10.7570



Deuteranomaly

210.5500, 1.1470, -4.2690



Tritanomaly

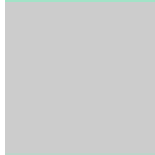
206.3700, -33.6970, -11.5610

Monochromacy



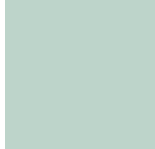
Original Color

204.3730, -29.7520, -22.4880



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9830, -10.4980, -7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3730, -29.7520, -22.4880 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(162, 227, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 227, 199)  
}
```

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(162, 227, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 227, 199) }
```

Border

The CSS property to change the border of an element to YIQ 204.3730, -29.7520, -22.4880 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(162, 227, 199) }
```


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

```
.border{ border-color:rgb(162, 227, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 227, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 227, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 227, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 227,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3730, -29.7520, -22.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 227, 199) }
```

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

```
.background{ background-color: rgb(162,  
227, 199) }
```

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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