

Converting Colors

YIQ(201.2790, -14.9880,
-25.7400)

Have a look what the booklet for
YIQ(201.2790, -14.9880, -25.7400)
contains.

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Color

**YIQ(201.2790, -14.9880,
-25.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDEAE
RGB	171, 222, 174
RGB Percent	67%, 87%, 68%
CMY	0.3296, 0.1293, 0.3177
CMYK	0.23, 0.00, 0.22, 0.13
HSL	124°, 44%, 77%
HSV	124°, 23%, 87%
XYZ	50.5526, 63.9632, 49.7232
YIQ	201.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

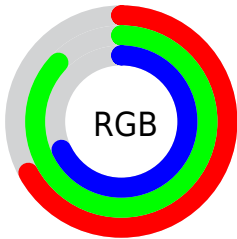
Format	Color
RYB	171, 219, 222
Decimal	11263662
CIELab	83.95, -25.70, 18.31
CIELCh	84, 31.550, 144.532
Yxy	63.9632, 0.3078, 0.3895
Android (android.graphics.Color)	4289453742 (0xFFABDEAE)
YUV	201.2790, -13.4485, -26.5547
Hunter-Lab	79.9770, -27.1320, 19.1222

Details

The YIQ color $201.2790, -14.9880, -25.7400$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $191.7210, 14.9880, 25.7400$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7780, -8.6630, -13.7110$, and $147.1050, -14.4380, -24.6940$ is the 20% darker color. If you saturate the color by 10%, you get $192.3070, -21.3590, -36.9350$, and if you desaturate by 10%, it is $210.2510, -8.6170, -14.5450$.

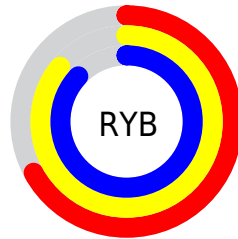
Distribution



Red (67%)

Green (87%)

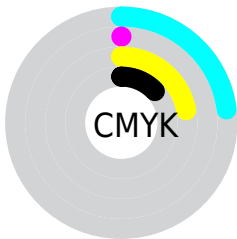
Blue (68%)



Red (67%)

Yellow (86%)

Blue (87%)

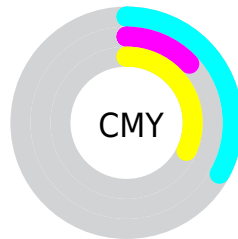


Cyan (23%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.2790, -14.9880, -25.7400 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 201.2790, -14.9880, -25.7400 by changing the saturation by 10% instead.

■ 201.2790,
-14.9880, -25.7400

■ 201.2790,
-14.9880, -25.7400

255.0000, -0.0000,
-0.0000

■ 173.6920,
-14.7130, -25.2170

■ 243.7780, -8.6630,
-13.7110

■ 147.1050,
-14.4380, -24.6940

■ 120.6320,
-14.4840, -23.8600

■ 95.1590, -14.5300,
-23.0260

■ 71.3870, -15.1720,
-22.4040

■ 47.3160, -16.4100,
-21.9940

■ 25.6970, -13.1090,

-21.2450

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 201.2790,
-14.9880, -25.7400

■ 201.2790,
-14.9880, -25.7400

■ 192.3070,
-21.3590, -36.9350

■ 210.2510, -8.6170,
-14.5450

■ 183.3350,
-27.7300, -48.1300

■ 219.2230, -2.2460,
-3.3500

■ 174.0640,
-34.6970, -59.5370

■ 228.4940, 4.7210,
8.0570

■ 165.0920,
-41.0680, -70.7320

■ 235.6290, 9.0750,
17.2590

■ 156.2340,
-47.7600, -81.6160

■ 147.2620,
-54.1310, -92.8110

■ 138.2900,
-60.5020, -104.0060

■ 131.7960,
-65.2230, -112.0630

Harmonies

Analogous

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



205.1700, 13.3000, -20.7800



201.2790, -14.9880, -25.7400



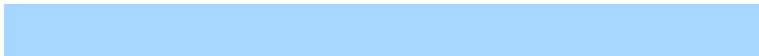
197.3650, -44.4690, -25.5970

Triad

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



201.2790, -14.9880, -25.7400



203.7240, -42.9610, 2.1510



208.3920, 40.2990, 13.0590

Complementary

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



201.2790, -14.9880, -25.7400



191.7210, 14.9880, 25.7400

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.



211.2250, 30.9440, 22.9120



201.2790, -14.9880, -25.7400



210.7110, -14.5830, 16.4970

Square

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



201.2790, -14.9880, -25.7400



197.3680, -65.7460, -8.9300



214.0520, 12.5580, 25.7260



209.7650, 46.0780, 1.9340

Rectangle

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



201.2790, -14.9880, -25.7400



194.8610, -60.4250, -22.7690



214.0520, 12.5580, 25.7260



208.9450, 37.3640, 16.6920

Sweetspot

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



201.2790, -14.9880, -25.7400



247.6800, -5.2710, -9.1030



215.2890, 14.5830, -16.4970



123.5710, -3.3460, -5.4420



0.0000, 0.0000, 0.0000



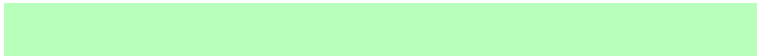
128.0000, -0.0000, -0.0000

Same Dimension

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



201.2790, -14.9880, -25.7400



226.1330, -20.8090, -35.8890



204.1290, -23.0130, -17.9650



107.5710, -3.3460, -5.4420



104.4520, -51.6100, -88.9380



28.5180, -14.1630, -24.1710

Inverse Universe

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



191.7210, 14.9880, 25.7400



212.8670, 20.8090, 35.8890



188.8710, 23.0130, 17.9650



105.5430, 3.0250, 5.7530



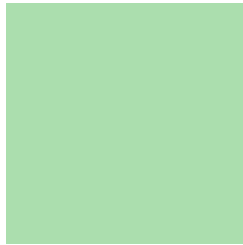
71.4340, 51.9310, 88.6270



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 201.2790, -14.9880, -25.7400 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 201.2790, -14.9880, -25.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

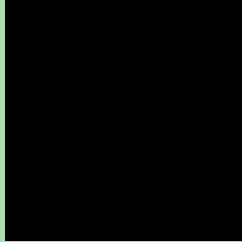
Any Text WCAG AA ✓ Pass

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 201.2790, -14.9880, -25.7400 Background



This preview shows how black text looks on a background with the YIQ color 201.2790, -14.9880, -25.7400.



This preview shows how white text looks on a background with the YIQ color 201.2790, -14.9880, -25.7400.

-25.7400.

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**

201.2790, -14.9880, -25.7400

Protanopia

207.5120, 21.5050, -9.7830

Deuteranopia

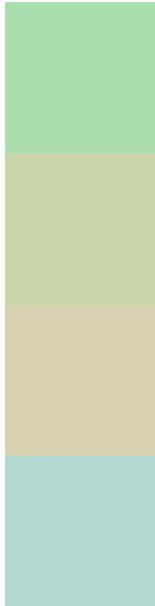
210.0390, 30.6270, 1.1150



Tritanopia

206.0710, -25.1250, -1.7090

Trichromacy



Original Color

201.2790, -14.9880, -25.7400

Protanomaly

205.1080, 7.8430, -15.4930

Deuteranomaly

207.1460, 13.8480, -8.6800

Tritanomaly

204.2420, -21.5930, -10.6570

Monochromacy



Original Color

201.2790, -14.9880, -25.7400

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2670, -5.5460, -9.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.2790, -14.9880, -25.7400 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(171, 222, 174)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 174)  
}
```

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(171, 222, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 174) }
```

Border

The CSS property to change the border of an element to YIQ 201.2790, -14.9880, -25.7400 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(171, 222, 174) }
```


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

```
.border{ border-color:rgb(171, 222, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 222, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 222, 174); box-shadow:4px 4px 4px 4px rgb(171, 222, 174) }
```

Background

The CSS property to change the background color of an element to YIQ 201.2790, -14.9880, -25.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 174) }
```

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

```
.background{ background-color: rgb(171,  
222, 174) }
```

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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