

Converting Colors

YIQ(220.2890, -2.6120, -7.7320)

Have a look what the booklet for
YIQ(220.2890, -2.6120, -7.7320)
contains.

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Color

**YIQ(220.2890, -2.6120,
-7.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E2D2
RGB	213, 226, 210
RGB Percent	84%, 89%, 82%
CMY	0.1647, 0.1137, 0.1765
CMYK	0.06, 0.00, 0.07, 0.11
HSL	109°, 22%, 85%
HSV	109°, 7%, 89%
XYZ	66.2683, 73.1934, 71.6081
YIQ	220.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

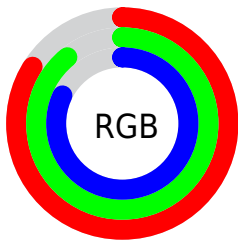
Format	Color
R_{YB}	210, 226, 223
Decimal	14017234
CIE Lab	88.54, -7.24, 6.32
CIE LCh	89, 9.608, 138.903
Yxy	73.1934, 0.3140, 0.3468
Android (android.graphics.Color)	4292207314 (0xFFD5E2D2)
YUV	220.2890, -5.0725, -6.3925
Hunter-Lab	85.5531, -11.4543, 10.2614

Details

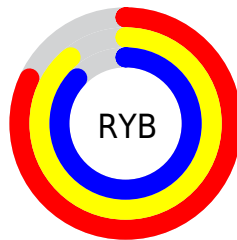
The YIQ color $220.2890, -2.6120, -7.7320$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $215.7110, 2.6120, 7.7320$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.4030, -2.9330, -7.4210$ is the 20% darker color. If you saturate the color by 10%, you get $212.2850, -5.9570, -18.7010$, and if you desaturate by 10%, it is $228.2930, 0.7330, 3.2370$.

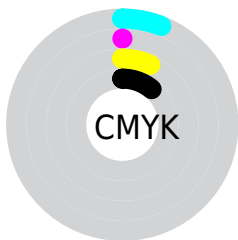
Distribution



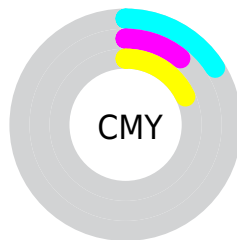
- Red (84%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2890, -2.6120, -7.7320 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 220.2890, -2.6120, -7.7320 by changing the saturation by 10% instead.

■ 220.2890, -2.6120,
-7.7320

■ 220.2890, -2.6120,
-7.7320

255.0000, -0.0000,
-0.0000

■ 192.2890, -2.6120,
-7.7320

■ 165.4030, -2.9330,
-7.4210

■ 138.8160, -2.6580,
-6.8980

■ 113.7020, -2.3370,
-7.2090

■ 89.1150, -2.0620,
-6.6860

■ 65.5280, -1.7870,
-6.1630

■ 43.6420, -2.1080,

-5.8520

■ 22.9410, -1.5120,
-5.6400

■ 0.0000, 0.0000,
0.0000

■ 220.2890, -2.6120,
-7.7320

■ 220.2890, -2.6120,
-7.7320

■ 212.2850, -5.9570,
-18.7010

■ 228.2930, 0.7330,
3.2370

■ 204.0960,
-10.2190, -29.5710

■ 236.4820, 4.9950,
14.1070

■ 196.0920,
-13.5640, -40.5400

■ 237.9770, 7.9750,
15.1670

■ 187.9030,
-17.8260, -51.4100

■ 179.8990,
-21.1710, -62.3790

■ 171.8950,
-24.5160, -73.3480

■ 163.7060,
-28.7780, -84.2180

■ 155.7020,
-32.1230, -95.1870

■ 147.8120,
-35.7890, -105.8450

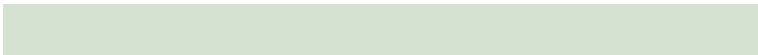
Harmonies

Analogous

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



221.2470, 6.3740, -5.3860



220.2890, -2.6120, -7.7320



219.6840, -11.0940, -8.1980

Triad

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



220.2890, -2.6120, -7.7320



221.3390, -14.0760, 1.7960



223.8880, 15.1750, 5.8230

Complementary

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



220.2890, -2.6120, -7.7320



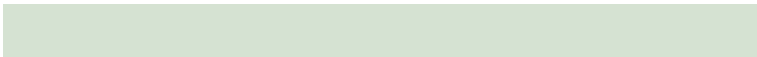
215.7110, 2.6120, 7.7320

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.



224.0170, 10.4980, 7.9860



220.2890, -2.6120, -7.7320



222.7530, -6.3740, 5.3860

Square

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



220.2890, -2.6120, -7.7320



219.9640, -17.5140, -1.9780



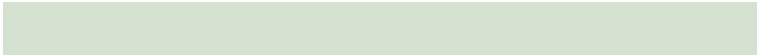
223.7110, 2.6120, 7.7320



223.5520, 16.0010, 1.8650

Rectangle

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



220.2890, -2.6120, -7.7320



219.5850, -15.1290, -6.6570



223.7110, 2.6120, 7.7320



224.2300, 14.2120, 6.7560

Sweetspot

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



220.2890, -2.6120, -7.7320



253.2340, -0.7790, -2.4030



222.4150, 5.9610, -3.4070



126.7610, -0.8250, -1.5690



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.



220.2890, -2.6120, -7.7320



247.6370, -3.7120, -9.8240



219.9620, -6.0050, -6.8130



108.0550, -1.8330, -5.3290



113.1790, -28.7320, -85.0520



30.8670, -7.8360, -23.1960

Inverse Universe

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



215.7110, 2.6120, 7.7320



242.0640, 3.1160, 9.6120



216.0380, 6.0050, 6.8130



104.9450, 1.8330, 5.3290



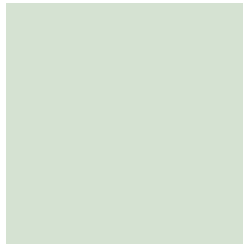
62.8210, 28.7320, 85.0520



17.1330, 7.8360, 23.1960

Previews

White Background



This preview shows how the YIQ color 220.2890, -2.6120, -7.7320 looks on a white background.

Color Contrast Check

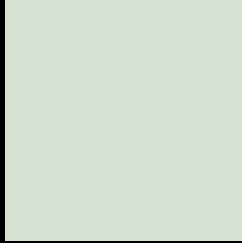
Large Text (above 18pt) WCAG AA × Fail

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 220.2890, -2.6120, -7.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

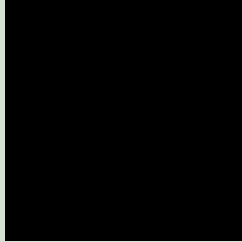
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

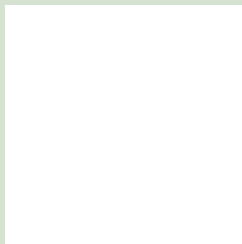
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.2890, -2.6120, -7.7320

Background



This preview shows how black text looks on a background with the YIQ color 220.2890, -2.6120, -7.7320.



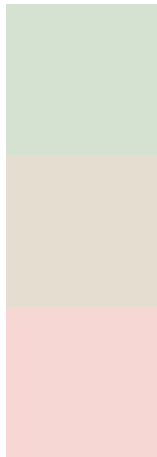
This preview shows how white text looks on a background with the YIQ color 220.2890, -2.6120,

-7.7320.

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
Protanopia
Deuteranopia

220.2890, -2.6120, -7.7320
221.7960, 9.2620, -2.6580
224.2260, 20.0350, 5.8510



Tritanopia

222.7420, -7.8410, 4.4390

Trichromacy



Original Color

220.2890, -2.6120, -7.7320

Protanomaly

221.2900, 4.8150, -4.6650

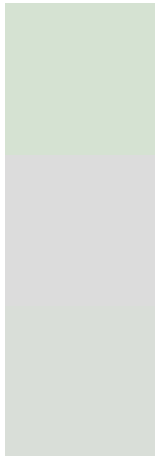
Deuteranomaly

222.8720, 12.1040, 0.9040

Tritanomaly

221.4770, -5.7770, 0.0710

Monochromacy



Original Color

220.2890, -2.6120, -7.7320

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2890, -2.6120, -7.7320 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(213, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 210)  
}
```

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(213, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 210) }
```

Border

The CSS property to change the border of an element to YIQ 220.2890, -2.6120, -7.7320 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(213, 226, 210) }
```


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

```
.border{ border-color:rgb(213, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2890, -2.6120, -7.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 210) }
```

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

```
.background{ background-color: rgb(213,  
226, 210) }
```

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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