

Converting Colors

YIQ(221.6260, 29.2110,
-28.3010)

Have a look what the booklet for
YIQ(221.6260, 29.2110, -28.3010)
contains.

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Color

**YIQ(221.6260, 29.2110,
-28.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E88D
RGB	232, 232, 141
RGB Percent	91%, 91%, 55%
CMY	0.0903, 0.0902, 0.4469
CMYK	0.00, 0.00, 0.39, 0.09
HSL	60°, 66%, 73%
HSV	60°, 39%, 91%
XYZ	66.9418, 76.7910, 36.5118
YIQ	221.6260, 29.2110, -28.3010

Conversions

Conversions Part 2

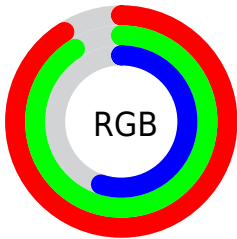
Format	Color
R_{YB}	141, 232, 141
Decimal	15263885
CIE _{Lab}	90.23, -13.01, 44.20
CIE _{LCh}	90, 46.073, 106.400
Yxy	76.7910, 0.3714, 0.4260
Android (android.graphics.Color)	4293453965 (0xFFE8E88D)
YUV	221.6260, -39.7486, 9.0980
Hunter-Lab	87.6305, -16.9953, 36.6378

Details

The YIQ color **221.6260, 29.2110, -28.3010** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **151.3740, -29.2110, 28.3010**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.2740, 18.9390, -18.3490**, and **166.3700, 27.0560, -27.7920** is the 20% darker color. If you saturate the color by 10%, you get **219.0040, 36.5940, -35.4540**, and if you desaturate by 10%, it is **224.2480, 21.8280, -21.1480**.

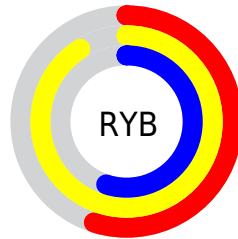
Distribution



Red (91%)

Green (91%)

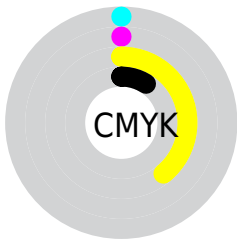
Blue (55%)



Red (55%)

Yellow (91%)

Blue (55%)

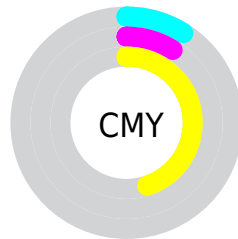


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6260, 29.2110, -28.3010 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 221.6260, 29.2110, -28.3010 by changing the saturation by 10% instead.

■ 221.6260, 29.2110,
-28.3010

■ 221.6260, 29.2110,
-28.3010

■ 255.0000, -0.0000,
-0.0000

■ 193.5550, 27.9730,
-27.8910

■ 248.2740, 18.9390,
-18.3490

■ 166.3700, 27.0560,
-27.7920

■ 251.4660, 9.9510,
-9.6410

■ 139.2990, 25.8180,
-27.3820

■ 254.7720, 0.6420,
-0.6220

■ 113.1140, 24.9010,
-27.2830

■ 87.3590, 25.5890,
-28.7390

■ 65.2430, 20.2240,
-25.1200

■ 44.2670, 11.6490,

-18.3910

■ 24.7640, 3.1200,
-12.4960

■ 1.1740, -0.5500,
-1.0460

■ 221.6260, 29.2110,
-28.3010

■ 221.6260, 29.2110,
-28.3010

■ 219.0040, 36.5940,
-35.4540

■ 224.2480, 21.8280,
-21.1480

■ 216.3820, 43.9770,
-42.6070

■ 226.8700, 14.4450,
-13.9950

■ 213.6460, 51.6810,
-50.0710

■ 229.6060, 6.7410,
-6.5310

■ 211.0240, 59.0640,
-57.2240

■ 232.2280, -0.6420,
0.6220

■ 208.4020, 66.4470,
-64.3770

■ 234.6220, -7.3830,
7.1530

■ 205.7800, 73.8300,
-71.5300

■ 205.5520, 74.4720,
-72.1520

Harmonies

Analogous

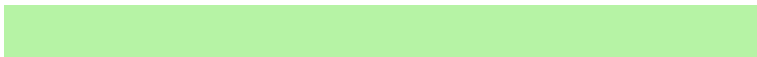
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.6980, 47.0440, -15.5800



221.6260, 29.2110, -28.3010



215.8690, -11.3180, -37.1900

Triad

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



221.6260, 29.2110, -28.3010



190.2050, -117.5960, -38.4280



219.0960, 18.4260, 29.5140

Complementary

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



221.6260, 29.2110, -28.3010



151.3740, -29.2110, 28.3010

Split Complementary

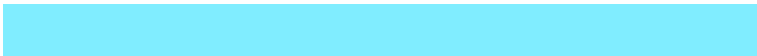
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.8240, 13.2000, 25.1040



221.6260, 29.2110, -28.3010



206.4610, -70.7420, -17.5100

Square

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



221.6260, 29.2110, -28.3010



194.9730, -111.1310, -39.9550



220.6680, -22.1920, 5.7120



212.7920, 33.4210, 16.5650

Rectangle

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



221.6260, 29.2110, -28.3010



210.8900, -42.1740, -39.6620



220.6680, -22.1920, 5.7120



221.5410, 15.6750, 29.8110

Sweetspot

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



221.6260, 29.2110, -28.3010



251.4660, 9.9510, -9.6410



168.2090, 54.2360, 19.2920



125.6490, 5.1820, -5.8100



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.



221.6260, 29.2110, -28.3010



241.3200, 38.5200, -37.3200



208.1710, 2.3910, -37.8410



113.6320, 3.8520, -3.7320



158.2950, 56.8630, -55.8810



45.1860, 16.3710, -15.8610

Inverse Universe

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



151.3740, -29.2110, 28.3010



148.6800, -38.5200, 37.3200



165.1280, -1.7950, 38.0530



104.3680, -3.8520, 3.7320



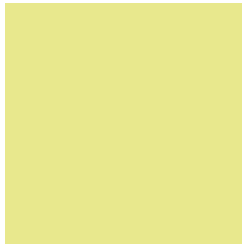
20.4060, -57.4590, 55.6690



5.8140, -16.3710, 15.8610

Previews

White Background



This preview shows how the YIQ color 221.6260, 29.2110, -28.3010 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 221.6260, 29.2110, -28.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

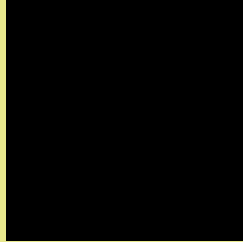
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.6260, 29.2110, -28.3010

Background



This preview shows how black text looks on a background with the YIQ color 221.6260, 29.2110, -28.3010.



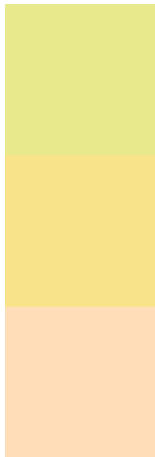
This preview shows how white text looks on a background with the YIQ color 221.6260, 29.2110, -28.3010.

-28.3010.

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

221.6260, 29.2110, -28.3010

Protanopia

223.2470, 40.7640, -22.9160

Deuteranopia

227.0620, 31.8200, -3.9880



Tritanopia

228.9290, 7.9300, 10.4740

Trichromacy



Original Color

221.6260, 29.2110, -28.3010

Protanomaly

222.7410, 36.3170, -24.9230

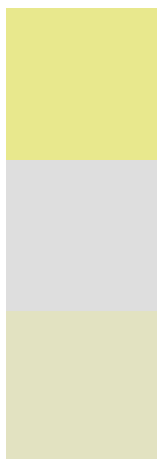
Deuteranomaly

225.1940, 31.0880, -12.7520

Tritanomaly

226.0910, 15.6810, -3.3510

Monochromacy



Original Color

221.6260, 29.2110, -28.3010

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.2380, 10.5930, -10.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6260, 29.2110, -28.3010 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(232, 232, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 141)  
}
```

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(232, 232, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 141) }
```

Border

The CSS property to change the border of an element to YIQ 221.6260, 29.2110, -28.3010 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(232, 232, 141) }
```


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

```
.border{ border-color:rgb(232, 232, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 232, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 232, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 232,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6260, 29.2110, -28.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 141) }
```

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

```
.background{ background-color: rgb(232,  
232, 141) }
```

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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