

Converting Colors

YIQ(217.8540, 28.5690,
-27.6790)

Have a look what the booklet for
YIQ(217.8540, 28.5690, -27.6790)
contains.

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Color

**YIQ(217.8540, 28.5690,
-27.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E48B
RGB	228, 228, 139
RGB Percent	89%, 89%, 55%
CMY	0.1059, 0.1059, 0.4547
CMYK	0.00, 0.00, 0.39, 0.11
HSL	60°, 62%, 72%
HSV	60°, 39%, 89%
XYZ	64.3974, 73.8438, 35.3031
YIQ	217.8540, 28.5690, -27.6790

Conversions

Conversions Part 2

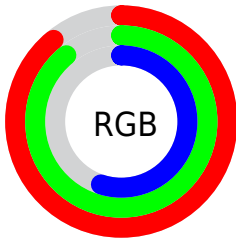
Format	Color
R_{YB}	139, 228, 139
Decimal	15000715
CIE _{Lab}	88.85, -12.78, 43.38
CIE _{LCh}	89, 45.220, 106.421
Yxy	73.8438, 0.3711, 0.4255
Android (android.graphics.Color)	4293190795 (0xFFE4E48B)
YUV	217.8540, -38.8750, 8.8980
Hunter-Lab	85.9324, -16.6146, 35.7949

Details

The YIQ color $217.8540, 28.5690, -27.6790$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $149.1460, -28.5690, 27.6790$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $162.5980, 26.4140, -27.1700$ is the 20% darker color. If you saturate the color by 10%, you get $215.2320, 35.9520, -34.8320$, and if you desaturate by 10%, it is $220.4760, 21.1860, -20.5260$.

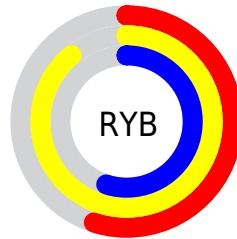
Distribution



Red (89%)

Green (89%)

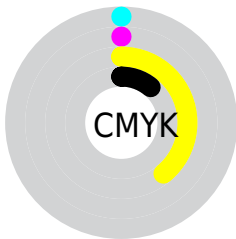
Blue (55%)



Red (55%)

Yellow (89%)

Blue (55%)

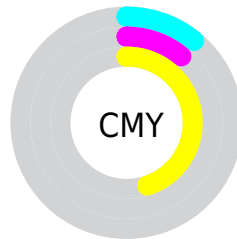


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8540, 28.5690, -27.6790 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 217.8540, 28.5690, -27.6790 by changing the saturation by 10% instead.

217.8540, 28.5690,
-27.6790

217.8540, 28.5690,
-27.6790

255.0000, -0.0000,
-0.0000

189.7830, 27.3310,
-27.2690

248.0460, 19.5810,
-18.9710

162.5980, 26.4140,
-27.1700

251.2380, 10.5930,
-10.2630

135.8260, 25.7720,
-26.5480

254.5440, 1.2840,
-1.2440

110.2280, 24.5800,
-26.9720

84.4730, 25.2680,
-28.4280

61.9980, 19.5360,
-23.6640

41.6090, 10.6860,

-17.4580

■ 21.5080, 0.9650,
-11.9870

■ 0.0000, 0.0000,
0.0000

■ 217.8540, 28.5690,
-27.6790

■ 217.8540, 28.5690,
-27.6790

■ 215.2320, 35.9520,
-34.8320

■ 220.4760, 21.1860,
-20.5260

■ 212.6100, 43.3350,
-41.9850

■ 223.0980, 13.8030,
-13.3730

■ 210.1020, 50.3970,
-48.8270

■ 225.6060, 6.7410,
-6.5310

■ 207.4800, 57.7800,
-55.9800

■ 228.2280, -0.6420,
0.6220

■ 204.8580, 65.1630,
-63.1330

■ 230.8500, -8.0250,
7.7750

■ 202.2360, 72.5460,
-70.2860

■ 231.0780, -8.6670,
8.3970

■ 202.0080, 73.1880,
-70.9080

Harmonies

Analogous

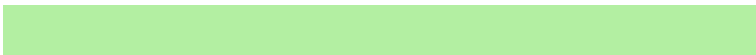
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.7090, 48.5110, -14.6330



217.8540, 28.5690, -27.6790



212.2820, -11.0430, -36.6670

Triad

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



217.8540, 28.5690, -27.6790



187.8680, -115.0290, -35.3890



216.8790, 20.5350, 29.8390

Complementary

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



217.8540, 28.5690, -27.6790



149.1460, -28.5690, 27.6790

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.



224.4760, 14.3000, 27.1960



217.8540, 28.5690, -27.6790



203.8140, -70.2380, -15.6300

Square

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



217.8540, 28.5690, -27.6790



191.8810, -107.8760, -38.3720



217.1240, -23.4760, 6.9560



210.6890, 35.2090, 17.2010

Rectangle

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



217.8540, 28.5690, -27.6790



207.0150, -41.0280, -38.4040



217.1240, -23.4760, 6.9560



219.7800, 16.5000, 31.3800

Sweetspot

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



217.8540, 28.5690, -27.6790



251.4660, 9.9510, -9.6410



165.6110, 53.0440, 18.8680



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.



217.8540, 28.5690, -27.6790



241.3200, 38.5200, -37.3200



204.6980, 2.3450, -37.0070



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.



149.1460, -28.5690, 27.6790



148.6800, -38.5200, 37.3200



162.6010, -1.7490, 37.2190



104.3680, -3.8520, 3.7320



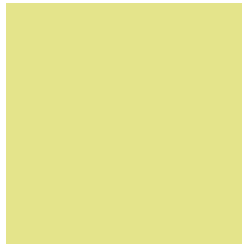
20.4060, -57.4590, 55.6690



5.8140, -16.3710, 15.8610

Previews

White Background



This preview shows how the YIQ color 217.8540, 28.5690, -27.6790 looks on a white background.

Color Contrast Check

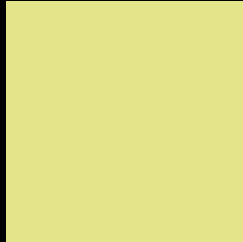
Large Text (above 18pt) WCAG AA × Fail

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 217.8540, 28.5690, -27.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

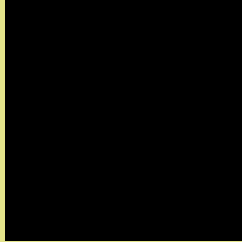
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.8540, 28.5690, -27.6790

Background



This preview shows how black text looks on a background with the YIQ color 217.8540, 28.5690, -27.6790.



This preview shows how white text looks on a background with the YIQ color 217.8540, 28.5690, -27.6790.

-27.6790.

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

217.8540, 28.5690, -27.6790

Protanopia

219.1760, 39.5260, -22.5060

Deuteranopia

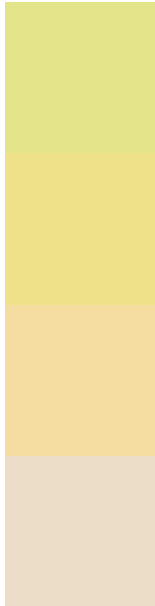
222.7590, 37.0470, -5.1050



Tritanopia

225.5160, 7.6550, 9.9510

Trichromacy



Original Color

217.8540, 28.5690, -27.6790

Protanomaly

218.9690, 35.6750, -24.3010

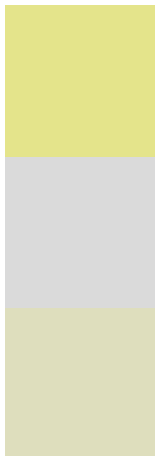
Deuteranomaly

220.7490, 33.8390, -13.0490

Tritanomaly

222.6780, 15.4060, -3.8740

Monochromacy



Original Color

217.8540, 28.5690, -27.6790

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2380, 10.5930, -10.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8540, 28.5690, -27.6790 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(228, 228, 139)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 139)  
}
```

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(228, 228, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 139) }
```

Border

The CSS property to change the border of an element to YIQ 217.8540, 28.5690, -27.6790 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(228, 228, 139) }
```


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

```
.border{ border-color:rgb(228, 228, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 139);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8540, 28.5690, -27.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 139) }
```

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

```
.background{ background-color: rgb(228,  
228, 139) }
```

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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