

Converting Colors

YIQ(189.3060, 42.2760,
-17.2760)

Have a look what the booklet for
YIQ(189.3060, 42.2760, -17.2760)
contains.

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Color

**YIQ(189.3060, 42.2760,
-17.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBD71
RGB	219, 189, 113
RGB Percent	86%, 74%, 44%
CMY	0.1412, 0.2589, 0.5566
CMYK	0.00, 0.14, 0.48, 0.14
HSL	43°, 60%, 65%
HSV	43°, 48%, 86%
XYZ	50.3940, 52.6443, 23.1452
YIQ	189.3060, 42.2760, -17.2760

Conversions

Conversions Part 2

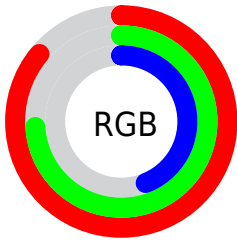
Format	Color
RYB	155, 219, 113
Decimal	14400881
CIELab	77.66, 0.96, 42.13
CIElCh	78, 42.140, 88.697
Yxy	52.6443, 0.3994, 0.4172
Android (android.graphics.Color)	4292590961 (0xFFDBBD71)
YUV	189.3060, -37.6189, 26.0416
Hunter-Lab	72.5564, -2.9965, 31.8762

Details

The YIQ color **189.3060, 42.2760, -17.2760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142.6940, -42.2760, 17.2760**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.9840, 31.3190, -22.4490**, and **135.4520, 38.9290, -17.1910** is the 20% darker color. If you saturate the color by 10%, you get **183.2760, 50.9880, -20.9800**, and if you desaturate by 10%, it is **195.3360, 33.5640, -13.5720**.

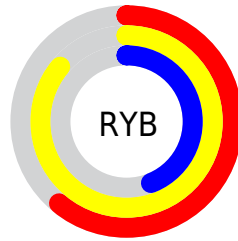
Distribution



Red (86%)

Green (74%)

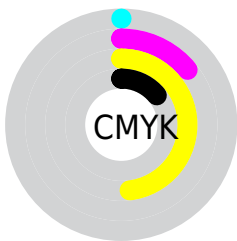
Blue (44%)



Red (61%)

Yellow (86%)

Blue (44%)

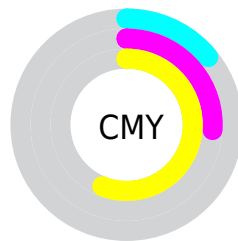


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (14%)



Cyan (14%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.3060, 42.2760, -17.2760 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 189.3060, 42.2760, -17.2760 by changing the saturation by 10% instead.

■ 189.3060, 42.2760,
-17.2760

■ 189.3060, 42.2760,
-17.2760

■ 255.0000, -0.0000,
-0.0000

■ 161.9360, 40.4420,
-17.0780

■ 238.9840, 31.3190,
-22.4490

■ 135.4520, 38.9290,
-17.1910

■ 248.0460, 19.5810,
-18.9710

■ 109.5550, 37.1410,
-17.8270

■ 251.2380, 10.5930,
-10.2630

■ 83.8430, 36.2700,
-18.5620

■ 254.5440, 1.2840,
-1.2440

■ 61.2000, 30.9510,
-15.7770

■ 41.3980, 21.8260,
-10.0940

■ 22.1830, 12.4260,

-4.9340

■ 0.0000, 0.0000,
0.0000

■ 189.3060, 42.2760,
-17.2760

■ 189.3060, 42.2760,
-17.2760

■ 183.2760, 50.9880,
-20.9800

■ 195.3360, 33.5640,
-13.5720

■ 177.2460, 59.7000,
-24.6840

■ 201.3660, 24.8520,
-9.8680

■ 170.6290, 68.6870,
-27.8650

■ 207.9830, 15.8650,
-6.6870

■ 164.5990, 77.3990,
-31.5690

■ 214.0130, 7.1530,
-2.9830

■ 158.6830, 85.7900,
-34.9620

■ 220.0430, -1.5590,
0.7210

■ 157.6400, 87.3490,
-35.6830

■ 225.9590, -9.9500,
4.1140

■ 230.7350,
-15.1310, 4.3970

■ 234.8440,
-17.0560, 0.7360

■ 238.3660,
-18.7060, -2.4020

Harmonies

Analogous

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



191.8390, 60.4290, 0.6610



189.3060, 42.2760, -17.2760



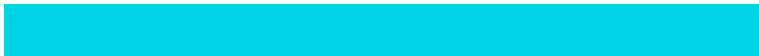
185.4160, 12.2470, -29.2330

Triad

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



189.3060, 42.2760, -17.2760



150.4360, -131.4880, -39.9680



197.5250, 21.7720, 34.9560

Complementary

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



189.3060, 42.2760, -17.2760



142.6940, -42.2760, 17.2760

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.



193.9100, -16.2810, 25.2470



189.3060, 42.2760, -17.2760



167.3230, -105.4040, -17.0840

Square

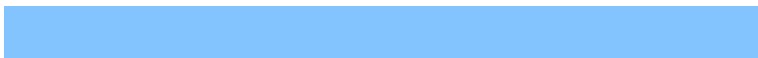
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.3060, 42.2760, -17.2760



169.6000, -73.3520, -36.2960



183.2910, -57.6790, 4.5690



192.9820, 45.1100, 30.5020

Rectangle

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



189.3060, 42.2760, -17.2760



181.6070, -13.3360, -33.6560



183.2910, -57.6790, 4.5690



196.9410, 8.7970, 33.3170

Sweetspot

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



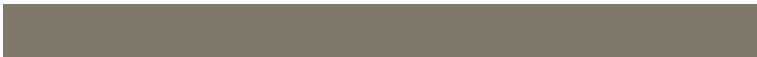
189.3060, 42.2760, -17.2760



244.2110, 15.2230, -6.0650



148.1140, 53.5460, 31.8020



121.2690, 9.3080, -3.4920



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.



189.3060, 42.2760, -17.2760



213.4740, 59.0580, -24.0620



200.0390, 20.3180, -37.8420



106.9850, 4.3560, -1.8520



124.5150, 69.0080, -28.1760



33.1250, 18.3410, -7.5070

Inverse Universe

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



142.6940, -42.2760, 17.2760



148.5260, -59.0580, 24.0620



131.9610, -20.3180, 37.8420



102.0150, -4.3560, 1.8520



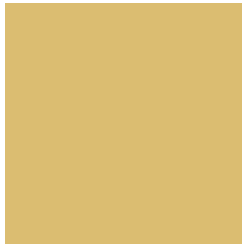
48.4850, -69.0080, 28.1760



12.8750, -18.3410, 7.5070

Previews

White Background



This preview shows how the YIQ color 189.3060, 42.2760, -17.2760 looks on a white background.

Color Contrast Check

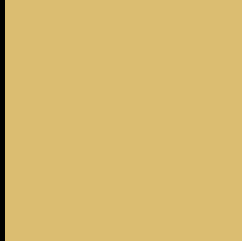
Large Text (above 18pt) WCAG AA × Fail

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 189.3060, 42.2760, -17.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

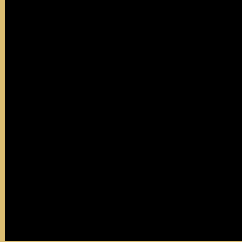
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3060, 42.2760, -17.2760

Background



This preview shows how black text looks on a background with the YIQ color 189.3060, 42.2760, -17.2760.



This preview shows how white text looks on a background with the YIQ color 189.3060, 42.2760, -17.2760.

-17.2760.

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

189.3060, 42.2760, -17.2760

Protanopia

188.4900, 35.7660, -20.4420

Deuteranopia

190.0840, 51.9490, -10.8590



Tritanopia

194.9480, 24.1140, 14.5300

Trichromacy



Original Color

189.3060, 42.2760, -17.2760

Protanomaly

188.8000, 37.8290, -19.2830

Deuteranomaly

189.7630, 48.4190, -12.9650

Tritanomaly

193.0930, 30.5350, 2.7830

Monochromacy



Original Color

189.3060, 42.2760, -17.2760

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0970, 15.5440, -6.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3060, 42.2760, -17.2760 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(219, 189, 113)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 113)  
}
```

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(219, 189, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 113) }
```

Border

The CSS property to change the border of an element to YIQ 189.3060, 42.2760, -17.2760 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(219, 189, 113) }
```


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

```
.border{ border-color:rgb(219, 189, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 113);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3060, 42.2760, -17.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 113) }
```

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

```
.background{ background-color: rgb(219,  
189, 113) }
```

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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