

Converting Colors

YIQ(188.2660, 47.7800,
-28.9240)

Have a look what the booklet for
YIQ(188.2660, 47.7800, -28.9240)
contains.

YIQ(188.2660, 47.7800, -28.9240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(188.2660, 47.7800,
-28.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C256
RGB	216, 194, 86
RGB Percent	85%, 76%, 34%
CMY	0.1530, 0.2392, 0.6625
CMYK	0.00, 0.10, 0.60, 0.15
HSL	50°, 62%, 59%
HSV	50°, 60%, 85%
XYZ	49.2900, 53.8507, 16.6152
YIQ	188.2660, 47.7800, -28.9240

Conversions

Conversions Part 2

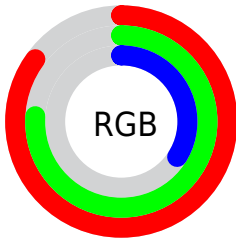
Format	Color
RYB	112, 216, 86
Decimal	14205526
CIELab	78.37, -5.08, 55.84
CIELCh	78, 56.070, 95.198
Yxy	53.8507, 0.4116, 0.4497
Android (android.graphics.Color)	4292395606 (0xFFD8C256)
YUV	188.2660, -50.4171, 24.3227
Hunter-Lab	73.3830, -8.5253, 37.9438

Details

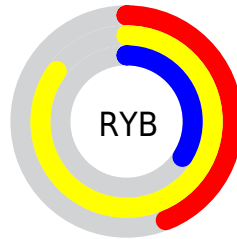
The YIQ color **188.2660, 47.7800, -28.9240** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **113.7340, -47.7800, 28.9240**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.8410, 38.6110, -33.4610**, and **133.5430, 45.4420, -30.6060** is the 20% darker color. If you saturate the color by 10%, you get **183.4100, 55.9420, -33.6740**, and if you desaturate by 10%, it is **193.1220, 39.6180, -24.1740**.

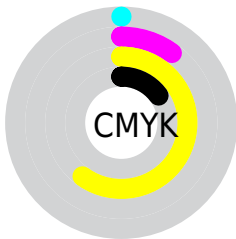
Distribution



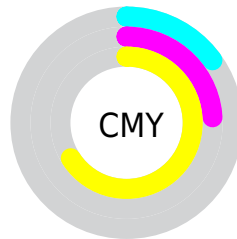
- Red (85%)
- Green (76%)
- Blue (34%)



- Red (44%)
- Yellow (85%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2660, 47.7800, -28.9240 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 188.2660, 47.7800, -28.9240 by changing the saturation by 10% instead.

■ 188.2660, 47.7800,
-28.9240

■ 188.2660, 47.7800,
-28.9240

■ 255.0000, -0.0000,
-0.0000

■ 160.7820, 46.2670,
-29.0370

■ 238.8410, 38.6110,
-33.4610

■ 133.6570, 45.1210,
-30.2950

■ 244.9680, 28.2480,
-27.3680

■ 106.3750, 45.8550,
-32.5850

■ 248.1600, 19.2600,
-18.6600

■ 84.2140, 36.3630,
-25.7570

■ 251.4660, 9.9510,
-9.6410

■ 62.6400, 26.5960,
-19.4520

■ 254.7720, 0.6420,
-0.6220

■ 41.9520, 17.1500,
-13.4580

■ 23.0360, 8.3460,

-8.0860

■ 0.0000, 0.0000,
0.0000

■ 188.2660, 47.7800,
-28.9240

■ 188.2660, 47.7800,
-28.9240

■ 183.4100, 55.9420,
-33.6740

■ 193.1220, 39.6180,
-24.1740

■ 179.2550, 63.5080,
-38.6360

■ 197.2770, 32.0520,
-19.2120

■ 174.3990, 71.6700,
-43.3860

■ 202.1330, 23.8900,
-14.4620

■ 169.6570, 79.5110,
-47.8250

■ 206.8750, 16.0490,
-10.0230

■ 211.1440, 8.1620,
-4.7500

■ 216.0000, -0.0000,
0.0000

■ 220.7420, -7.8410,
4.4390

■ 224.5550,
-14.4440, 8.4680

■ 226.9030,
-15.5440, 6.3760

Harmonies

Analogous

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



190.2560, 72.0760, -6.6760



188.2660, 47.7800, -28.9240



182.2050, 5.0510, -41.9970

Triad

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



188.2660, 47.7800, -28.9240



157.2810, -141.1170, -36.1650



196.2370, 31.8110, 45.7550

Complementary

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



188.2660, 47.7800, -28.9240



113.7340, -47.7800, 28.9240

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.



195.7590, -5.3700, 31.2540



188.2660, 47.7800, -28.9240



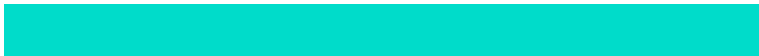
152.9270, -139.8800, -31.0480

Square

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



188.2660, 47.7800, -28.9240



152.1680, -125.3420, -52.2380



179.7030, -64.8310, 2.0250



185.6130, 50.7030, 33.7670

Rectangle

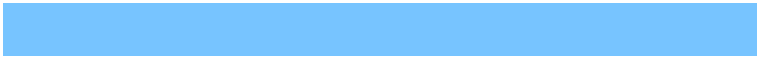
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.2660, 47.7800, -28.9240



176.2360, -31.7650, -46.5890



179.7030, -64.8310, 2.0250



199.3870, 22.6410, 46.7450

Sweetspot

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



188.2660, 47.7800, -28.9240



245.0600, 16.9660, -10.1220



127.6060, 69.7760, 35.0240



121.7590, 10.6840, -6.4040



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.



188.2660, 47.7800, -28.9240



215.8270, 67.5890, -41.0110



188.9210, 17.2940, -49.1220



104.5720, 4.0810, -2.3750



134.4830, 62.8660, -38.0140



33.9890, 15.7280, -9.7120

Inverse Universe

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



113.7340, -47.7800, 28.9240



110.1730, -67.5890, 41.0110



113.0790, -17.2940, 49.1220



98.4280, -4.0810, 2.3750



36.5170, -62.8660, 38.0140



9.0110, -15.7280, 9.7120

Previews

White Background



This preview shows how the YIQ color 188.2660, 47.7800, -28.9240 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 188.2660, 47.7800, -28.9240 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 188.2660, 47.7800, -28.9240

Background



This preview shows how black text looks on a background with the YIQ color 188.2660, 47.7800, -28.9240.



This preview shows how white text looks on a background with the YIQ color 188.2660, 47.7800, -28.9240.

-28.9240.

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

188.2660, 47.7800, -28.9240

Protanopia

187.9670, 47.1840, -29.1360

Deuteranopia

190.5010, 63.5960, -18.1960



Tritanopia

196.7520, 21.7300, 13.6820

Trichromacy



Original Color

188.2660, 47.7800, -28.9240

Protanomaly

187.9670, 47.1840, -29.1360

Deuteranomaly

189.4570, 57.7280, -21.9840

Tritanomaly

193.3440, 31.0860, -1.6980

Monochromacy



Original Color

188.2660, 47.7800, -28.9240

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9460, 17.2870, -10.4330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2660, 47.7800, -28.9240 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(216, 194, 86)` looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 86)  
}
```

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(216, 194, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 86) }
```

Border

The CSS property to change the border of an element to YIQ 188.2660, 47.7800, -28.9240 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(216, 194, 86) }
```


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

```
.border{ border-color:rgb(216, 194, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 194, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 194, 86);  
box-shadow:4px 4px 4px 4px rgb(216, 194,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2660, 47.7800, -28.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 86) }
```

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

```
.background{ background-color: rgb(216,  
194, 86) }
```

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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