

Converting Colors

YIQ(170.7430, 42.0030,
-28.8530)

Have a look what the booklet for
YIQ(170.7430, 42.0030, -28.8530)
contains.

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Color

**YIQ(170.7430, 42.0030,
-28.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B24B
RGB	193, 178, 75
RGB Percent	76%, 70%, 29%
CMY	0.2432, 0.3020, 0.7056
CMYK	0.00, 0.08, 0.61, 0.24
HSL	52°, 49%, 53%
HSV	52°, 61%, 76%
XYZ	39.1817, 43.6835, 13.0346
YIQ	170.7430, 42.0030, -28.8530

Conversions

Conversions Part 2

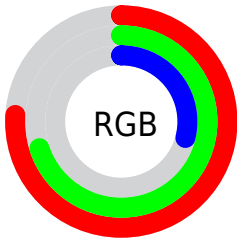
Format	Color
R_{YB}	92, 193, 75
Decimal	12694091
CIE _{Lab}	72.02, -7.26, 53.18
CIE _{LCh}	72, 53.676, 97.773
Yxy	43.6835, 0.4086, 0.4555
Android (android.graphics.Color)	4290884171 (0xFFC1B24B)
YUV	170.7430, -47.2013, 19.5194
Hunter-Lab	66.0935, -9.8449, 34.5726

Details

The YIQ color **170.7430, 42.0030, -28.8530** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **97.2570, -42.0030, 28.8530**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7110, 45.0290, -28.6270**, and **117.0910, 40.9030, -30.9450** is the 20% darker color. If you saturate the color by 10%, you get **167.4030, 48.6520, -33.7160**, and if you desaturate by 10%, it is **174.0830, 35.3540, -23.9900**.

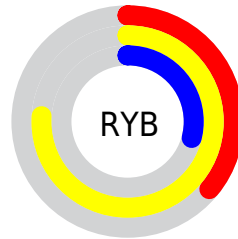
Distribution



Red (76%)

Green (70%)

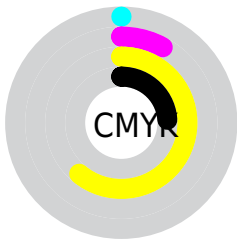
Blue (29%)



Red (36%)

Yellow (76%)

Blue (29%)

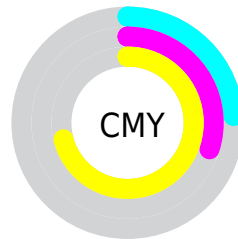


Cyan (0%)

Magenta (8%)

Yellow (61%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.7430, 42.0030, -28.8530 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 170.7430, 42.0030, -28.8530 by changing the saturation by 10% instead.

■ 170.7430, 42.0030,
-28.8530

■ 170.7430, 42.0030,
-28.8530

255.0000, -0.0000,
-0.0000

■ 143.2590, 40.4900,
-28.9660

■ 226.7110, 45.0290,
-28.6270

■ 117.0910, 40.9030,
-30.9450

■ 243.6000, 32.1000,
-31.1000

■ 91.8780, 37.1890,
-29.7150

■ 246.7920, 23.1120,
-22.3920

■ 70.0160, 28.2930,
-22.6750

■ 249.9840, 14.1240,
-13.6840

■ 49.3280, 18.8470,
-16.6810

■ 253.2900, 4.8150,
-4.6650

■ 29.5260, 9.7220,
-10.9980

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 170.7430, 42.0030,
-28.8530

■ 170.7430, 42.0030,
-28.8530

■ 167.4030, 48.6520,
-33.7160

■ 174.0830, 35.3540,
-23.9900

■ 163.3620, 55.8970,
-38.3670

■ 178.1240, 28.1090,
-19.3390

■ 160.0220, 62.5460,
-43.2300

■ 181.4640, 21.4600,
-14.4760

■ 156.3230, 68.8280,
-46.9480

■ 185.3910, 14.5360,
-10.1360

■ 188.8450, 7.5660,
-4.9620

■ 192.7720, 0.6420,
-0.6220

■ 196.1120, -6.0070,
4.2410

■ 200.0390,
-12.9310, 8.5810

■ 203.4930,
-19.9010, 13.7550

Harmonies

Analogous

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



174.4620, 68.5000, -7.9480



170.7430, 42.0030, -28.8530



165.2200, 0.6950, -40.1450

Triad

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



170.7430, 42.0030, -28.8530



143.6030, -130.1600, -30.9920



181.1300, 39.4220, 45.4860

Complementary

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



170.7430, 42.0030, -28.8530



97.2570, -42.0030, 28.8530

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.



181.1920, -7.8470, 37.6010



170.7430, 42.0030, -28.8530



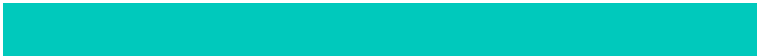
141.7740, -134.6550, -21.1110

Square

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



170.7430, 42.0030, -28.8530



139.4190, -115.6230, -46.6550



167.0550, -62.5860, 10.9020



173.8270, 61.8440, 35.6040

Rectangle

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



170.7430, 42.0030, -28.8530



158.5500, -35.5250, -44.5250



167.0550, -62.5860, 10.9020



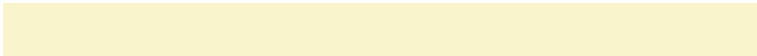
181.8880, 25.4840, 44.7800

Sweetspot

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



170.7430, 42.0030, -28.8530



241.3480, 16.0950, -10.8570



112.1060, 65.1920, 29.9920



119.4600, 10.0880, -6.6160



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.7430, 42.0030, -28.8530



215.6370, 65.0680, -44.8840



166.6910, 12.2500, -45.8140



95.2730, 3.4850, -2.5870



130.3190, 57.4560, -39.0880



26.8900, 11.6930, -8.1710

Inverse Universe

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



97.2570, -42.0030, 28.8530



101.9500, -65.3430, 44.3610



101.3090, -12.2500, 45.8140



88.7270, -3.4850, 2.5870



30.0940, -57.1810, 39.6110



6.1100, -11.6930, 8.1710

Previews

White Background



This preview shows how the YIQ color 170.7430, 42.0030, -28.8530 looks on a white background.

Color Contrast Check

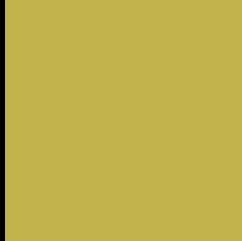
Large Text (above 18pt) WCAG AA × Fail

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 170.7430, 42.0030, -28.8530 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 170.7430, 42.0030, -28.8530

Background



This preview shows how black text looks on a background with the YIQ color 170.7430, 42.0030, -28.8530.

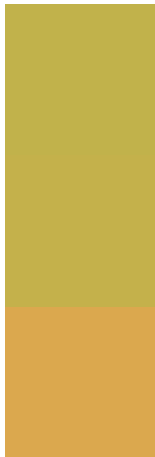


This preview shows how white text looks on a background with the YIQ color 170.7430, 42.0030,

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

170.7430, 42.0030, -28.8530

Protanopia

171.0530, 44.0660, -27.6940

Deuteranopia

172.9890, 59.2860, -17.1780



Tritanopia

178.9470, 16.6870, 11.4630

Trichromacy



Original Color

170.7430, 42.0030, -28.8530

Protanomaly

170.7540, 43.4700, -27.9060

Deuteranomaly

172.5320, 53.1430, -21.4890

Tritanomaly

176.0660, 25.9970, -3.0830

Monochromacy



Original Color

170.7430, 42.0030, -28.8530

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1630, 15.1780, -10.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.7430, 42.0030, -28.8530 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(193, 178, 75)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 75)  
}
```

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(193, 178, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 75) }
```

Border

The CSS property to change the border of an element to YIQ 170.7430, 42.0030, -28.8530 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(193, 178, 75) }
```


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

```
.border{ border-color:rgb(193, 178, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 75);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 170.7430, 42.0030, -28.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 75) }
```

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

```
.background{ background-color: rgb(193,  
178, 75) }
```

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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