

Converting Colors

YIQ(164.5440, 52.8690,
-27.5390)

Have a look what the booklet for
YIQ(164.5440, 52.8690, -27.5390)
contains.

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Color

**YIQ(164.5440, 52.8690,
-27.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A83B
RGB	198, 168, 59
RGB Percent	78%, 66%, 23%
CMY	0.2235, 0.3412, 0.7683
CMYK	0.00, 0.15, 0.70, 0.22
HSL	47°, 55%, 50%
HSV	47°, 70%, 78%
XYZ	38.0806, 40.3229, 9.9239
YIQ	164.5440, 52.8690, -27.5390

Conversions

Conversions Part 2

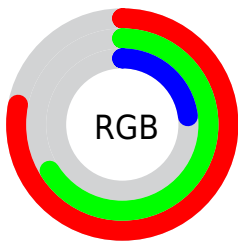
Format	Color
R _Y B	97, 198, 59
Decimal	13019195
CIE Lab	69.70, -0.79, 57.75
CIE LCh	70, 57.756, 90.783
Yxy	40.3229, 0.4311, 0.4565
Android (android.graphics.Color)	4291209275 (0xFFC6A83B)
YUV	164.5440, -52.0332, 29.3409
Hunter-Lab	63.5003, -4.0808, 35.1843

Details

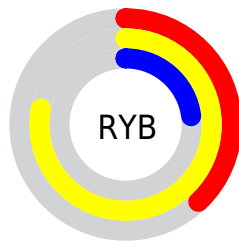
The YIQ color **164.5440, 52.8690, -27.5390** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **92.4560, -52.8690, 27.5390**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9140, 54.7030, -27.7370**, and **109.9520, 51.5400, -30.9880** is the 20% darker color. If you saturate the color by 10%, you get **159.9160, 60.3890, -31.6670**, and if you desaturate by 10%, it is **169.1720, 45.3490, -23.4110**.

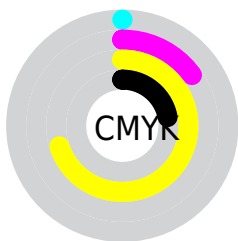
Distribution



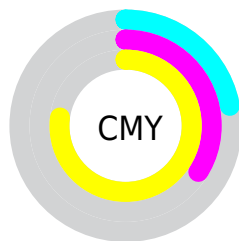
- Red (78%)
- Green (66%)
- Blue (23%)



- Red (38%)
- Yellow (78%)
- Blue (23%)



- Cyan (0%)
- Magenta (15%)
- Yellow (70%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5440, 52.8690, -27.5390 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 164.5440, 52.8690, -27.5390 by changing the saturation by 10% instead.

■ 164.5440, 52.8690,
-27.5390

■ 164.5440, 52.8690,
-27.5390

■ 255.0000, -0.0000,
-0.0000

■ 137.3050, 52.0440,
-29.1080

■ 219.9140, 54.7030,
-27.7370

■ 109.9520, 51.5400,
-30.9880

■ 239.4280, 38.3360,
-33.9840

■ 87.7910, 42.0480,
-24.1600

■ 244.9680, 28.2480,
-27.3680

■ 66.2170, 32.2810,
-17.8550

■ 248.1600, 19.2600,
-18.6600

■ 45.2300, 22.2390,
-12.0730

■ 251.4660, 9.9510,
-9.6410

■ 25.4280, 13.1140,
-6.3900

254.7720, 0.6420,

■ 0.0000, 0.0000,

-0.6220

0.0000

■ 164.5440, 52.8690,
-27.5390

■ 164.5440, 52.8690,
-27.5390

■ 159.9160, 60.3890,
-31.6670

■ 169.1720, 45.3490,
-23.4110

■ 154.7010, 68.1840,
-35.2720

■ 174.3870, 37.5540,
-19.8060

■ 150.1870, 75.3830,
-39.0890

■ 178.9010, 30.3550,
-15.9890

■ 183.5290, 22.8350,
-11.8610

■ 188.1570, 15.3150,
-7.7330

■ 193.3720, 7.5200,
-4.1280

■ 198.0000, -0.0000,
0.0000

■ 202.5140, -7.1990,
3.8170

■ 207.1420,
-14.7190, 7.9450

Harmonies

Analogous

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



167.8160, 76.4310, -3.0010



164.5440, 52.8690, -27.5390



159.3260, 12.0200, -41.6440

Triad

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



164.5440, 52.8690, -27.5390



139.7730, -124.8870, -32.9430



174.8180, 31.6730, 48.2570

Complementary

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



164.5440, 52.8690, -27.5390



92.4560, -52.8690, 27.5390

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.



172.6680, -21.0510, 34.6050



164.5440, 52.8690, -27.5390



140.0130, -133.8300, -19.5420

Square

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



164.5440, 52.8690, -27.5390



134.4320, -108.4700, -49.6380



149.4250, -96.2830, -0.6590



168.5270, 62.9890, 42.3890

Rectangle

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



164.5440, 52.8690, -27.5390



153.2430, -24.4750, -46.5470



149.4250, -96.2830, -0.6590



175.8530, 15.3970, 45.8690

Sweetspot

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



164.5440, 52.8690, -27.5390



241.8000, 20.6340, -10.5180



103.9810, 73.2140, 38.7980



120.2430, 12.1970, -6.2910



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.



164.5440, 52.8690, -27.5390



203.6020, 81.3440, -42.4960



170.4930, 21.3750, -51.4970



96.8000, 3.4390, -1.7530



123.8730, 61.9480, -32.3880



27.2000, 13.7560, -7.0120

Inverse Universe

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



92.4560, -52.8690, 27.5390



92.3980, -81.3440, 42.4960



86.5070, -21.3750, 51.4970



92.2000, -3.4390, 1.7530



39.1270, -61.9480, 32.3880



8.8000, -13.7560, 7.0120

Previews

White Background



This preview shows how the YIQ color 164.5440, 52.8690, -27.5390 looks on a white background.

Color Contrast Check

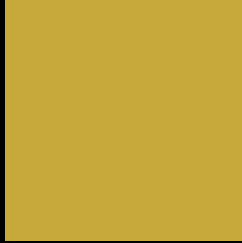
Large Text (above 18pt) WCAG AA × Fail

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 164.5440, 52.8690, -27.5390 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 164.5440, 52.8690, -27.5390

Background



This preview shows how black text looks on a background with the YIQ color 164.5440, 52.8690, -27.5390.



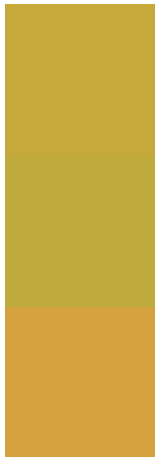
This preview shows how white text looks on a background with the YIQ color 164.5440, 52.8690, -27.5390.

-27.5390.

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

164.5440, 52.8690, -27.5390

Protanopia

164.3260, 47.5510, -30.2810

Deuteranopia

165.7350, 62.8170, -20.5990



Tritanopia

173.0190, 25.3520, 14.1200

Trichromacy



Original Color

164.5440, 52.8690, -27.5390

Protanomaly

164.6360, 49.6140, -29.1220

Deuteranomaly

165.3000, 59.6080, -23.0160

Tritanomaly

169.9100, 35.3040, -1.0480

Monochromacy



Original Color

164.5440, 52.8690, -27.5390

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7290, 19.3960, -10.1080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5440, 52.8690, -27.5390 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(198, 168, 59)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 59)  
}
```

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(198, 168, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 59) }
```

Border

The CSS property to change the border of an element to YIQ 164.5440, 52.8690, -27.5390 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(198, 168, 59) }
```


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

```
.border{ border-color:rgb(198, 168, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 59);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5440, 52.8690, -27.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 59) }
```

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

```
.background{ background-color: rgb(198,  
168, 59) }
```

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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