

Converting Colors

YIQ(108.0470, 62.5390, -4.5410)

Have a look what the booklet for
YIQ(108.0470, 62.5390, -4.5410)
contains.

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Color

**YIQ(108.0470, 62.5390,
-4.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	A55E1F
RGB	165, 94, 31
RGB Percent	65%, 37%, 12%
CMY	0.3528, 0.6315, 0.8781
CMYK	0.00, 0.43, 0.81, 0.35
HSL	28°, 68%, 38%
HSV	28°, 81%, 65%
XYZ	19.7723, 16.1023, 3.3675
YIQ	108.0470, 62.5390, -4.5410

Conversions

Conversions Part 2

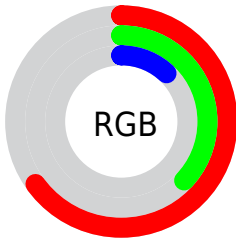
Format	Color
RYB	165, 150, 31
Decimal	10837535
CIELab	47.11, 24.24, 46.03
CIELCh	47, 52.023, 62.224
Yxy	16.1023, 0.5039, 0.4103
Android (android.graphics.Color)	4289027615 (0xFFA55E1F)
YUV	108.0470, -37.9842, 49.9478
Hunter-Lab	40.1276, 17.7298, 23.1138

Details

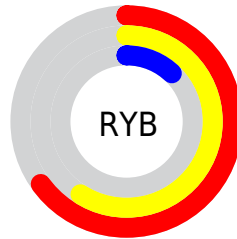
The YIQ color **108.0470, 62.5390, -4.5410** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **87.9530, -62.5390, 4.5410**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5100, 68.5450, -3.2550**, and **59.8810, 51.4430, -1.6850** is the 20% darker color. If you saturate the color by 10%, you get **100.9400, 70.1500, -4.8100**, and if you desaturate by 10%, it is **115.2680, 54.6070, -3.9610**.

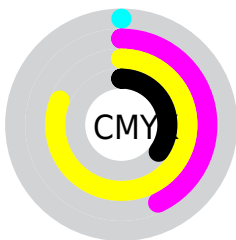
Distribution



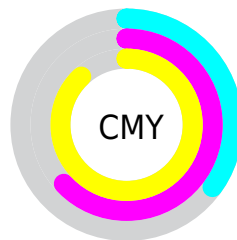
- Red (65%)
- Green (37%)
- Blue (12%)



- Red (65%)
- Yellow (59%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (81%)
- Black (35%)



- Cyan (35%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0470, 62.5390, -4.5410 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 108.0470, 62.5390, -4.5410 by changing the saturation by 10% instead.

■ 108.0470, 62.5390,
-4.5410

■ 108.0470, 62.5390,
-4.5410

■ 255.0000, -0.0000,
-0.0000

■ 82.0960, 60.8430,
-6.8450

■ 161.5100, 68.5450,
-3.2550

■ 59.8810, 51.4430,
-1.6850

■ 189.2930, 70.6540,
-2.9300

■ 37.7090, 40.4840,
4.1960

■ 208.1060, 54.8830,
-8.9650

■ 17.3090, 30.1670,
9.4550

■ 227.5060, 38.8370,
-15.5230

■ 7.2900, 13.9830,
5.3990

■ 247.1340, 22.1490,
-21.4590

■ 0.0000, 0.0000,
0.0000

■ 250.3260, 13.1610,

-12.7510

■ 253.5180, 4.1730,
-4.0430

■ 108.0470, 62.5390,
-4.5410

■ 108.0470, 62.5390,
-4.5410

■ 100.9400, 70.1500,
-4.8100

■ 115.2680, 54.6070,
-3.9610

■ 94.5340, 77.1650,
-5.2910

■ 121.7880, 47.2710,
-3.1690

■ 129.0090, 39.3390,
-2.5890

■ 136.1160, 31.7280,
-2.3200

■ 143.3370, 23.7960,
-1.7400

■ 150.4440, 16.1850,
-1.4710

■ 157.0780, 8.5280,
-0.3680

■ 164.1850, 0.9170,
-0.0990

■ 171.4060, -7.0150,
0.4810

Harmonies

Analogous

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



108.2770, 68.7240, 21.0440



108.0470, 62.5390, -4.5410



104.7110, 45.0290, -28.6270

Triad

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



108.0470, 62.5390, -4.5410



90.4800, -72.8940, -33.5820



114.0010, -17.7950, 30.6610

Complementary

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



108.0470, 62.5390, -4.5410



87.9530, -62.5390, 4.5410

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.



90.7780, -95.7790, 1.2210



108.0470, 62.5390, -4.5410



95.3820, -86.6970, -20.2090

Square

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



108.0470, 62.5390, -4.5410



83.5890, -57.6240, -46.0080



96.0950, -95.5940, -7.6420



113.7480, 28.6940, 41.6700

Rectangle

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



108.0470, 62.5390, -4.5410



102.4030, 22.2890, -35.0150



96.0950, -95.5940, -7.6420



110.5470, -37.1880, 24.1880

Sweetspot

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



108.0470, 62.5390, -4.5410



192.3370, 23.7960, -1.7400



79.2740, 56.7520, 50.8000



94.0740, 14.3510, -1.2730



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



108.0470, 62.5390, -4.5410



125.7180, 97.0180, -7.1580



147.3760, 44.1140, -39.5820



78.0390, 4.2640, -0.1840



83.2710, 67.7200, -4.8240



10.0780, 8.5280, -0.3680

Inverse Universe

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



87.9530, -62.5390, 4.5410



94.8690, -97.2930, 6.6350



49.2110, -44.3890, 39.0590



76.9610, -4.2640, 0.1840



61.7290, -67.7200, 4.8240



7.3350, -8.2530, 0.8910

Previews

White Background



This preview shows how the YIQ color 108.0470, 62.5390, -4.5410 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 108.0470, 62.5390, -4.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

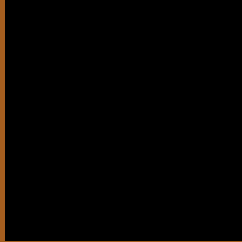
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.0470, 62.5390, -4.5410

Background



This preview shows how black text looks on a background with the YIQ color 108.0470, 62.5390, -4.5410.



This preview shows how white text looks on a background with the YIQ color 108.0470, 62.5390, -4.5410.

-4.5410.

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

108.0470, 62.5390, -4.5410

Protanopia

107.5220, 32.7400, -20.6680

Deuteranopia

107.3450, 46.5400, -17.4600



Tritanopia

112.6040, 45.7540, 18.8260

Trichromacy



Original Color

108.0470, 62.5390, -4.5410

Protanomaly

107.3710, 43.6510, -14.6610

Deuteranomaly

107.9160, 52.3620, -12.8380

Tritanomaly

110.8570, 51.9910, 10.4150

Monochromacy



Original Color

108.0470, 62.5390, -4.5410

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.1520, 22.8790, -1.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.0470, 62.5390, -4.5410 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(165, 94, 31)` looks like.

```
.text, #text, p{  
    color:rgb(165, 94, 31)  
}
```

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(165, 94, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 31) }
```

Border

The CSS property to change the border of an element to YIQ 108.0470, 62.5390, -4.5410 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(165, 94, 31) }
```


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

```
.border{ border-color:rgb(165, 94, 31) }
```

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

Here you see how a box with a 4 pixel rgb(165, 94, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 94, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 94, 31);  
box-shadow:4px 4px 4px 4px rgb(165, 94,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 108.0470, 62.5390, -4.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 31) }
```

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

```
.background{ background-color: rgb(165, 94,  
31) }
```

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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