

Converting Colors

YIQ(151.5730, 47.0390, 12.0550)

Have a look what the booklet for
YIQ(151.5730, 47.0390, 12.0550)
contains.

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Color

**YIQ(151.5730, 47.0390,
12.0550)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC8378 |
| RGB | 204, 131, 120 |
| RGB Percent | 80%, 51%, 47% |
| CMY | 0.1998, 0.4864, 0.5292 |
| CMYK | 0.00, 0.36, 0.41, 0.20 |
| HSL | 8°, 45%, 64% |
| HSV | 8°, 41%, 80% |
| XYZ | 36.4189, 30.4250, 21.7383 |
| YIQ | 151.5730, 47.0390, 12.0550 |

Conversions

Conversions Part 2

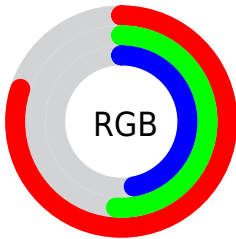
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 204, 133, 120 |
| Decimal | 13403000 |
| CIE Lab | 62.02, 26.87, 17.62 |
| CIE LCh | 62, 32.135, 33.259 |
| Yxy | 30.4250, 0.4111, 0.3435 |
| Android (android.graphics.Color) | 4291593080 (0xFFCC8378) |
| YUV | 151.5730, -15.5655, 45.9785 |
| Hunter-Lab | 55.1589, 21.3273, 15.2448 |

Details

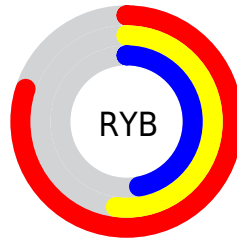
The YIQ color **151.5730, 47.0390, 12.0550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172.4270, -47.0390, -12.0550**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.4480, 45.8930, 10.7970**, and **99.5940, 42.5460, 10.8820** is the 20% darker color. If you saturate the color by 10%, you get **138.7270, 58.4090, 15.2490**, and if you desaturate by 10%, it is **164.4190, 35.6690, 8.8610**.

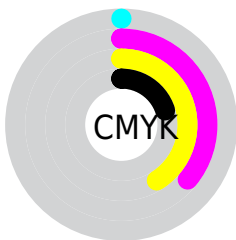
Distribution



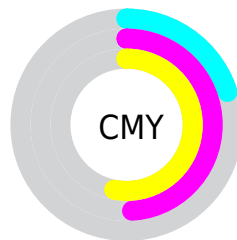
- Red (80%)
- Green (51%)
- Blue (47%)



- Red (80%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (41%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.5730, 47.0390, 12.0550 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 151.5730, 47.0390, 12.0550 by changing the saturation by 10% instead.

■ 151.5730, 47.0390,
12.0550

■ 151.5730, 47.0390,
12.0550

255.0000, -0.0000,
-0.0000

■ 124.7900, 44.9300,
11.7300

■ 204.4480, 45.8930,
10.7970

■ 99.7080, 42.2250,
11.1930

■ 223.4890, 29.4800,
5.3840

■ 74.9250, 40.1160,
10.8680

■ 243.7040, 12.5170,
-1.0750

■ 50.3700, 37.3650,
11.1650

■ 25.6580, 36.4940,
10.4300

■ 13.1560, 26.2240,
9.3280

■ 0.0000, 0.0000,

0.0000

151.5730, 47.0390,
12.0550

151.5730, 47.0390,
12.0550

138.7270, 58.4090,
15.2490

164.4190, 35.6690,
8.8610

125.7670, 70.1000,
18.1320

176.7920, 24.2530,
6.5010

113.5080, 81.1950,
20.8030

189.6380, 12.8830,
3.3070

100.5480, 92.8860,
23.6860

202.5980, 1.1920,
0.4240

87.7020, 104.2560,
26.8800

215.4440,
-10.1780, -2.7700

76.8450, 114.1590,
29.1270

227.7030,
-21.2730, -5.4410

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



153.0040, 38.8760, 22.3320



151.5730, 47.0390, 12.0550



149.8030, 42.9150, -1.3170

Triad

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



151.5730, 47.0390, 12.0550



140.2010, -23.5160, -25.3720



147.0930, -39.3860, 8.9500

Complementary

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



151.5730, 47.0390, 12.0550



172.4270, -47.0390, -12.0550

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.



137.0520, -67.6720, -7.0640



151.5730, 47.0390, 12.0550



133.9170, -54.8310, -25.0310

Square

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



151.5730, 47.0390, 12.0550



144.3370, 5.4600, -21.8680



129.3460, -77.8480, -20.8880



152.1680, -8.4400, 20.8080

Rectangle

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



151.5730, 47.0390, 12.0550



148.6290, 34.2970, -10.3350



129.3460, -77.8480, -20.8880



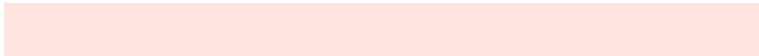
144.0700, -49.7470, 3.9890

Sweetspot

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



151.5730, 47.0390, 12.0550



235.6170, 17.3760, 4.4800



153.5520, 26.3100, 40.8220



116.5560, 10.1780, 2.7700



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.



151.5730, 47.0390, 12.0550



176.7670, 70.1000, 18.1320



175.6400, 35.7640, -9.3880



95.5770, 5.6850, 1.5970



62.5480, 92.8860, 23.6860



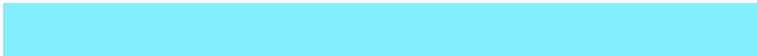
14.2970, 21.2730, 5.4410

Inverse Universe

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



172.4270, -47.0390, -12.0550



208.2330, -70.1000, -18.1320



148.3600, -35.7640, 9.3880



98.4230, -5.6850, -1.5970



103.4520, -92.8860, -23.6860



23.7030, -21.2730, -5.4410

Previews

White Background



This preview shows how the YIQ color 151.5730, 47.0390, 12.0550 looks on a white background.

Color Contrast Check

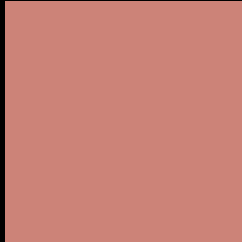
Large Text (above 18pt) WCAG AA × Fail

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 151.5730, 47.0390, 12.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

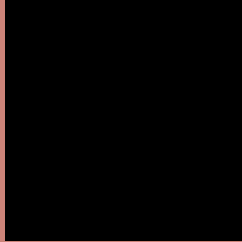
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.5730, 47.0390, 12.0550

Background



This preview shows how black text looks on a background with the YIQ color 151.5730, 47.0390, 12.0550.



This preview shows how white text looks on a background with the YIQ color 151.5730, 47.0390,

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

151.5730, 47.0390, 12.0550

Protanopia

149.9980, 11.5090, -4.8350

Deuteranopia

150.6040, 27.4180, -1.3020



Tritanopia

152.4620, 43.2780, 19.6460

Trichromacy



Original Color

151.5730, 47.0390, 12.0550

Protanomaly

150.6300, 24.5290, 1.4970

Deuteranomaly

150.7730, 34.4320, 3.7440

Tritanomaly

151.9520, 44.6540, 16.7340

Monochromacy



Original Color

151.5730, 47.0390, 12.0550

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.6170, 17.3760, 4.4800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.5730, 47.0390, 12.0550 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(204, 131, 120)` looks like.

```
.text, #text, p{  
    color:rgb(204, 131, 120)  
}
```

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(204, 131, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 131, 120) }
```

Border

The CSS property to change the border of an element to YIQ 151.5730, 47.0390, 12.0550 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(204, 131, 120) }
```


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

```
.border{ border-color:rgb(204, 131, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 131, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 131, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 131, 120);  
box-shadow:4px 4px 4px 4px rgb(204, 131,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 151.5730, 47.0390, 12.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 131, 120) }
```

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

```
.background{ background-color: rgb(204,  
131, 120) }
```

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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