

Converting Colors

YIQ(143.7550, 52.0380, 4.0540)

Have a look what the booklet for
YIQ(143.7550, 52.0380, 4.0540)
contains.

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Color

**YIQ(143.7550, 52.0380,
4.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	C47F5D
RGB	196, 127, 93
RGB Percent	77%, 50%, 36%
CMY	0.2312, 0.5021, 0.6351
CMYK	0.00, 0.35, 0.53, 0.23
HSL	20°, 47%, 57%
HSV	20°, 53%, 77%
XYZ	32.3385, 27.7032, 14.0126
YIQ	143.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

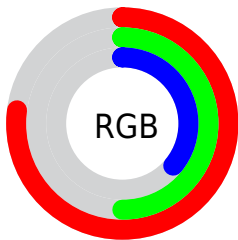
Format	Color
R_{YB}	196, 144, 93
Decimal	12877661
CIE _{Lab}	59.62, 23.11, 29.40
CIE _{LCh}	60, 37.399, 51.833
Yxy	27.7032, 0.4367, 0.3741
Android (android.graphics.Color)	4291067741 (0xFFC47F5D)
YUV	143.7550, -25.0222, 45.8189
Hunter-Lab	52.6339, 17.5619, 21.0591

Details

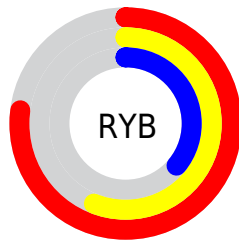
The YIQ color **143.7550, 52.0380, 4.0540** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **145.2450, -52.0380, -4.0540**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3210, 56.2560, 4.7040**, and **92.0040, 46.9030, 3.5030** is the 20% darker color. If you saturate the color by 10%, you get **133.8440, 62.0330, 4.6330**, and if you desaturate by 10%, it is **153.6660, 42.0430, 3.4750**.

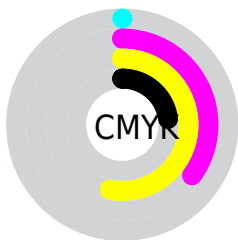
Distribution



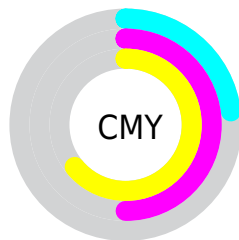
- Red (77%)
- Green (50%)
- Blue (36%)



- Red (77%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.7550, 52.0380, 4.0540 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 143.7550, 52.0380, 4.0540 by changing the saturation by 10% instead.


 143.7550, 52.0380,
4.0540


 143.7550, 52.0380,
4.0540


255.0000, -0.0000,
-0.0000

 117.6730, 49.3330,
3.5170


 198.3210, 56.2560,
4.7040

 92.0040, 46.9030,
3.5030


 217.7210, 40.2100,
-1.8540


 67.6230, 43.6020,
2.7540

 237.3490, 23.5220,
-7.7900

 43.6120, 42.1350,
1.8070

 251.6940, 9.3090,
-9.0190

 22.6250, 32.0930,
7.5890

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 143.7550, 52.0380,
4.0540

■ 143.7550, 52.0380,
4.0540

■ 133.8440, 62.0330,
4.6330

■ 153.6660, 42.0430,
3.4750

■ 124.0470, 71.7070,
5.5230

■ 163.4630, 32.3690,
2.5850

■ 114.1360, 81.7020,
6.1020

■ 173.3740, 22.3740,
2.0060

■ 103.7520, 91.6510,
7.5150

■ 183.7580, 12.4250,
0.5930

■ 96.7590, 98.9410,
7.5570

■ 193.6690, 2.4300,
0.0140

■ 203.5800, -7.5650,
-0.5650

■ 213.3770,
-17.2390, -1.4550

■ 223.2880,
-27.2340, -2.0340

■ 231.4890,
-32.4140, -7.2780

Harmonies

Analogous

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



145.5400, 51.8060, 19.2780



143.7550, 52.0380, 4.0540



141.9130, 39.2490, -11.9750

Triad

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



143.7550, 52.0380, 4.0540



124.9290, -55.1050, -31.0810



144.1430, -24.4870, 19.7770

Complementary

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



143.7550, 52.0380, 4.0540



145.2450, -52.0380, -4.0540

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.



133.8880, -63.9140, 1.9260



143.7550, 52.0380, 4.0540



113.5450, -97.8820, -32.2660

Square

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



143.7550, 52.0380, 4.0540



133.6980, -14.8500, -28.2420



114.2750, -105.4490, -21.7770



147.6760, 10.8610, 28.9490

Rectangle

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



143.7550, 52.0380, 4.0540



140.0420, 25.4040, -19.8760



114.2750, -105.4490, -21.7770



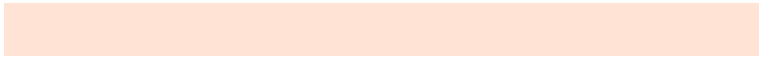
141.7500, -36.6820, 15.0140

Sweetspot

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



143.7550, 52.0380, 4.0540



234.4770, 20.5860, 1.3700



131.7770, 38.9180, 43.6060



115.1710, 12.7000, 1.1160



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.



143.7550, 52.0380, 4.0540



173.2500, 81.3810, 6.4130



173.1050, 38.2880, -22.0960



91.7510, 5.1350, 0.5510



79.2500, 81.3810, 6.4130



16.3240, 16.6430, 1.2430

Inverse Universe

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



145.2450, -52.0380, -4.0540



175.7500, -81.3810, -6.4130



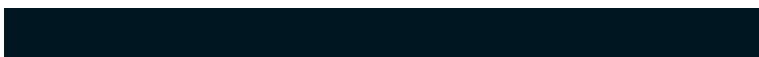
115.8950, -38.2880, 22.0960



92.2490, -5.1350, -0.5510



81.7500, -81.3810, -6.4130



16.6760, -16.6430, -1.2430

Previews

White Background



This preview shows how the YIQ color 143.7550, 52.0380, 4.0540 looks on a white background.

Color Contrast Check

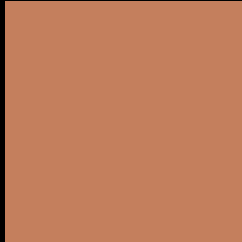
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 143.7550, 52.0380, 4.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

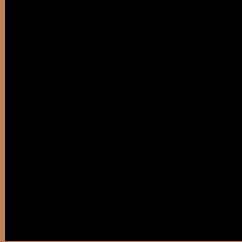
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.7550, 52.0380, 4.0540

Background



This preview shows how black text looks on a background with the YIQ color 143.7550, 52.0380, 4.0540.



This preview shows how white text looks on a background with the YIQ color 143.7550, 52.0380,

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

143.7550, 52.0380, 4.0540

Protanopia

142.5720, 21.2760, -11.1400

Deuteranopia

143.4060, 36.5430, -6.9850



Tritanopia

146.0490, 43.0030, 19.1230

Trichromacy



Original Color

143.7550, 52.0380, 4.0540

Protanomaly

143.1930, 32.8290, -5.7550

Deuteranomaly

143.5640, 42.0900, -2.8860

Tritanomaly

145.3280, 46.3510, 13.5110

Monochromacy



Original Color

143.7550, 52.0380, 4.0540

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.9930, 19.0730, 1.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.7550, 52.0380, 4.0540 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(196, 127, 93)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 93)  
}
```

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(196, 127, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 93) }
```

Border

The CSS property to change the border of an element to YIQ 143.7550, 52.0380, 4.0540 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(196, 127, 93) }
```


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

```
.border{ border-color:rgb(196, 127, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 127, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 93);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 143.7550, 52.0380, 4.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 93) }
```

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

```
.background{ background-color: rgb(196,  
127, 93) }
```

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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