

Converting Colors

YIQ(195.8510, 24.6240,
-16.7520)

Have a look what the booklet for
YIQ(195.8510, 24.6240, -16.7520)
contains.

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Color

**YIQ(195.8510, 24.6240,
-16.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C88C
RGB	209, 200, 140
RGB Percent	82%, 78%, 55%
CMY	0.1804, 0.2157, 0.4508
CMYK	0.00, 0.04, 0.33, 0.18
HSL	52°, 43%, 68%
HSV	52°, 33%, 82%
XYZ	51.6830, 56.7560, 33.0562
YIQ	195.8510, 24.6240, -16.7520

Conversions

Conversions Part 2

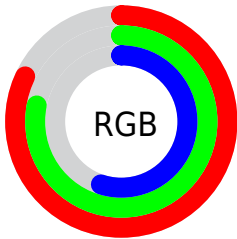
Format	Color
R_{YB}	150, 209, 140
Decimal	13748364
CIE _{Lab}	80.04, -5.87, 31.17
CIE _{LCh}	80, 31.718, 100.662
Yxy	56.7560, 0.3653, 0.4011
Android (android.graphics.Color)	4291938444 (0xFFD1C88C)
YUV	195.8510, -27.5345, 11.5317
Hunter-Lab	75.3366, -9.3829, 26.7203

Details

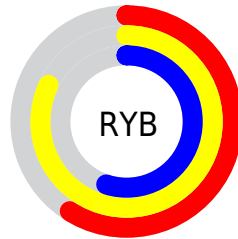
The YIQ color $195.8510, 24.6240, -16.7520$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $153.1490, -24.6240, 16.7520$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $141.8940, 23.0650, -16.0310$ is the 20% darker color. If you saturate the color by 10%, you get $191.6960, 32.1900, -21.7140$, and if you desaturate by 10%, it is $200.0060, 17.0580, -11.7900$.

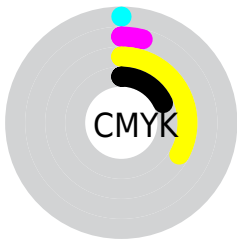
Distribution



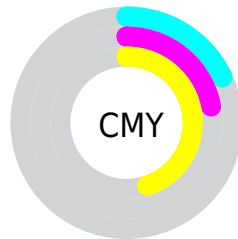
- Red (82%)
- Green (78%)
- Blue (55%)



- Red (59%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.8510, 24.6240, -16.7520 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 195.8510, 24.6240, -16.7520 by changing the saturation by 10% instead.

■ 195.8510, 24.6240,
-16.7520

■ 195.8510, 24.6240,
-16.7520

255.0000, -0.0000,
-0.0000

■ 168.6660, 23.7070,
-16.6530

■ 248.0460, 19.5810,
-18.9710

■ 141.8940, 23.0650,
-16.0310

■ 251.2380, 10.5930,
-10.2630

■ 116.4100, 21.5520,
-16.1440

■ 254.5440, 1.2840,
-1.2440

■ 91.3390, 20.3140,
-15.7340

■ 67.1540, 19.3970,
-15.6350

■ 45.1970, 17.8380,
-14.9140

■ 25.6940, 9.3090,

-9.0190

■ 0.0000, 0.0000,
0.0000

■ 195.8510, 24.6240,
-16.7520

■ 195.8510, 24.6240,
-16.7520

■ 191.6960, 32.1900,
-21.7140

■ 200.0060, 17.0580,
-11.7900

■ 188.1280, 39.4810,
-27.1990

■ 203.5740, 9.7670,
-6.3050

■ 183.9730, 47.0470,
-32.1610

■ 207.7290, 2.2010,
-1.3430

■ 179.8180, 54.6130,
-37.1230

■ 211.8840, -5.3650,
3.6190

■ 175.7770, 61.8580,
-41.7740

■ 216.0390,
-12.9310, 8.5810

■ 172.2090, 69.1490,
-47.2590

■ 218.3530,
-16.6910, 10.6450

■ 169.3250, 74.5140,
-50.8780

■ 220.1140,
-17.5160, 9.0760

■ 221.8750,
-18.3410, 7.5070

■ 223.6360,
-19.1660, 5.9380

Harmonies

Analogous

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



198.3960, 42.5030, -4.8650



195.8510, 24.6240, -16.7520



192.1620, -1.4170, -23.8890

Triad

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



195.8510, 24.6240, -16.7520



184.2270, -69.9630, -15.1070



203.2940, 26.4960, 26.4320

Complementary

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



195.8510, 24.6240, -16.7520



153.1490, -24.6240, 16.7520

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.



202.0550, -0.6920, 23.5640



195.8510, 24.6240, -16.7520



190.5310, -58.5950, -0.8590

Square

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



195.8510, 24.6240, -16.7520



184.0030, -57.9490, -23.5890



197.9200, -31.4090, 13.0630



201.6900, 42.6360, 20.2680

Rectangle

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



195.8510, 24.6240, -16.7520



189.4570, -21.3610, -25.8810



197.9200, -31.4090, 13.0630



203.1020, 18.2890, 26.4890

Sweetspot

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



195.8510, 24.6240, -16.7520



250.3890, 8.8500, -6.2060



161.6570, 38.2350, 17.4270



125.0020, 5.6860, -3.9300



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.



195.8510, 24.6240, -16.7520



235.7410, 36.3170, -24.9230



193.6590, 7.2490, -26.7590



102.5720, 4.0810, -2.3750



135.9340, 59.9780, -40.7420



32.8040, 14.8110, -9.6130

Inverse Universe

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



153.1490, -24.6240, 16.7520



172.2590, -36.3170, 24.9230



155.3410, -7.2490, 26.7590



95.8410, -3.8060, 2.8980



32.0660, -59.9780, 40.7420



7.6090, -14.5360, 10.1360

Previews

White Background



This preview shows how the YIQ color 195.8510, 24.6240, -16.7520 looks on a white background.

Color Contrast Check

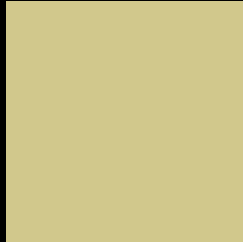
Large Text (above 18pt) WCAG AA × Fail

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 195.8510, 24.6240, -16.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

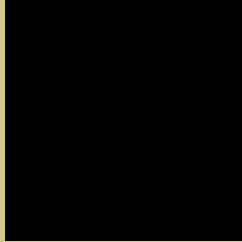
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.8510, 24.6240, -16.7520

Background



This preview shows how black text looks on a background with the YIQ color 195.8510, 24.6240, -16.7520.



This preview shows how white text looks on a background with the YIQ color 195.8510, 24.6240, -16.7520.

-16.7520.

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

195.8510, 24.6240, -16.7520

Protanopia

196.0580, 28.4750, -14.9570

Deuteranopia

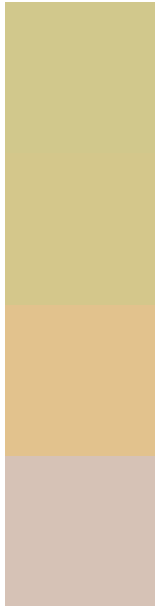
198.2820, 42.8240, -5.1760



Tritanopia

200.4840, 10.6810, 10.1770

Trichromacy



Original Color

195.8510, 24.6240, -16.7520

Protanomaly

196.0470, 27.0080, -15.9040

Deuteranomaly

197.5260, 36.0850, -9.6990

Tritanomaly

198.6120, 15.7720, 0.5080

Monochromacy



Original Color

195.8510, 24.6240, -16.7520

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8020, 9.1250, -5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.8510, 24.6240, -16.7520 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(209, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 200, 140)  
}
```

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(209, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 140) }
```

Border

The CSS property to change the border of an element to YIQ 195.8510, 24.6240, -16.7520 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(209, 200, 140) }
```


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

```
.border{ border-color:rgb(209, 200, 140) }
```

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

Here you see how a box with a 4 pixel rgb(209, 200, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 200,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 195.8510, 24.6240, -16.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 140) }
```

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

```
.background{ background-color: rgb(209,  
200, 140) }
```

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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