

Converting Colors

YIQ(173.2020, 54.9730, 0.4210)

Have a look what the booklet for
YIQ(173.2020, 54.9730, 0.4210)
contains.

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Color

**YIQ(173.2020, 54.9730,
0.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	E29E71
RGB	226, 158, 113
RGB Percent	89%, 62%, 44%
CMY	0.1136, 0.3805, 0.5566
CMYK	0.00, 0.30, 0.50, 0.11
HSL	24°, 66%, 66%
HSV	24°, 50%, 89%
XYZ	46.5810, 41.8119, 21.2573
YIQ	173.2020, 54.9730, 0.4210

Conversions

Conversions Part 2

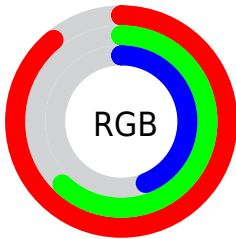
Format	Color
R_{YB}	226, 188, 113
Decimal	14851697
CIE _{Lab}	70.74, 20.33, 33.53
CIE _{LCh}	71, 39.210, 58.776
Yxy	41.8119, 0.4248, 0.3813
Android (android.graphics.Color)	4293041777 (0xFFE29E71)
YUV	173.2020, -29.6796, 46.3038
Hunter-Lab	64.6621, 15.4282, 25.7723

Details

The YIQ color **173.2020, 54.9730, 0.4210** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **165.7980, -54.9730, -0.4210**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0860, 40.4400, -6.0240**, and **119.7500, 50.4340, 0.0820** is the 20% darker color. If you saturate the color by 10%, you get **162.3620, 66.2060, 0.5900**, and if you desaturate by 10%, it is **184.0420, 43.7400, 0.2520**.

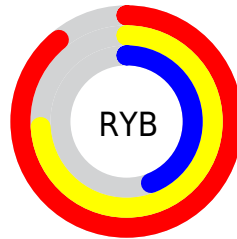
Distribution



Red (89%)

Green (62%)

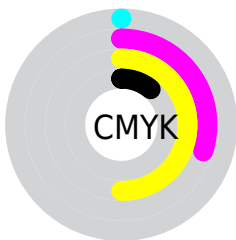
Blue (44%)



Red (89%)

Yellow (74%)

Blue (44%)

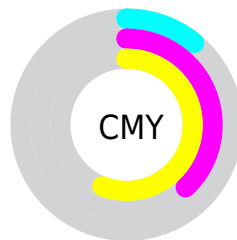


Cyan (0%)

Magenta (30%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.2020, 54.9730, 0.4210 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 173.2020, 54.9730, 0.4210 by changing the saturation by 10% instead.

173.2020, 54.9730,
0.4210

173.2020, 54.9730,
0.4210

255.0000, -0.0000,
-0.0000

146.4190, 52.8640,
0.0960

220.0860, 40.4400,
-6.0240

119.7500, 50.4340,
0.0820

239.7140, 23.7520,
-11.9600

94.3690, 47.1330,
-0.6670

251.1240, 10.9140,
-10.5740

69.5860, 45.0240,
-0.9920

254.4300, 1.6050,
-1.5550

46.5470, 40.7600,
-0.8080

26.1470, 30.4430,
4.4510

10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 173.2020, 54.9730,
0.4210

■ 173.2020, 54.9730,
0.4210

■ 162.3620, 66.2060,
0.5900

■ 184.0420, 43.7400,
0.2520

■ 152.2230, 76.8430,
0.5470

■ 194.1810, 33.1030,
0.2950

■ 141.3830, 88.0760,
0.7160

■ 205.0210, 21.8700,
0.1260

■ 131.2440, 98.7130,
0.6730

■ 215.1600, 11.2330,
0.1690

■ 120.4040,
109.9460, 0.8420

■ 226.0000, -0.0000,
0.0000

■ 236.8400,
-11.2330, -0.1690

■ 245.1550,
-16.7340, -5.1020

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



175.0090, 57.6750, 17.5390



173.2020, 54.9730, 0.4210



170.5060, 38.8370, -15.5230

Triad

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



173.2020, 54.9730, 0.4210



152.4160, -66.8420, -33.1300



175.4970, -16.5560, 24.7240

Complementary

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



173.2020, 54.9730, 0.4210



165.7980, -54.9730, -0.4210

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.



166.9970, -56.6710, 8.3290



173.2020, 54.9730, 0.4210



135.6010, -118.6510, -35.8270

Square

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



173.2020, 54.9730, 0.4210



161.6150, -24.9820, -31.8460



150.0960, -97.3350, -14.6390



178.1610, 19.8010, 32.1290

Rectangle

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



173.2020, 54.9730, 0.4210



168.3680, 21.3700, -23.8620



150.0960, -97.3350, -14.6390



173.5060, -29.9430, 19.5370

Sweetspot

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



173.2020, 54.9730, 0.4210



237.1670, 18.5230, 0.2110



154.7670, 44.8780, 45.7260



117.1600, 11.2330, 0.1690



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.



173.2020, 54.9730, 0.4210



183.5540, 74.4130, 0.5330



205.4870, 39.8480, -28.3440



106.6370, 5.4560, 0.2400



93.7140, 85.6460, 0.7020



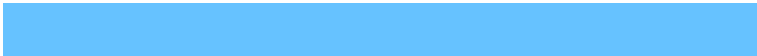
25.5050, 23.3830, 0.2390

Inverse Universe

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



165.7980, -54.9730, -0.4210



173.4460, -74.4130, -0.5330



133.5130, -39.8480, 28.3440



106.3630, -5.4560, -0.2400



82.2860, -85.6460, -0.7020



22.4950, -23.3830, -0.2390

Previews

White Background



This preview shows how the YIQ color 173.2020, 54.9730, 0.4210 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 173.2020, 54.9730, 0.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

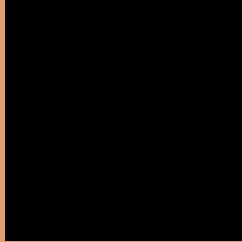
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.2020, 54.9730, 0.4210

Background



This preview shows how black text looks on a background with the YIQ color 173.2020, 54.9730, 0.4210.



This preview shows how white text looks on a background with the YIQ color 173.2020, 54.9730,

0.4210.

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

173.2020, 54.9730, 0.4210

Protanopia

171.3290, 26.2740, -13.6140

Deuteranopia

172.5870, 43.2830, -7.9890



Tritanopia

175.9890, 43.2320, 20.4800

Trichromacy



Original Color

173.2020, 54.9730, 0.4210

Protanomaly

172.3520, 36.6350, -8.6530

Deuteranomaly

172.7340, 47.3630, -4.8370

Tritanomaly

175.3990, 47.5890, 13.1010

Monochromacy



Original Color

173.2020, 54.9730, 0.4210

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.2380, 19.7610, -0.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.2020, 54.9730, 0.4210 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(226, 158, 113)` looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 113)  
}
```

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(226, 158, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 113) }
```

Border

The CSS property to change the border of an element to YIQ 173.2020, 54.9730, 0.4210 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(226, 158, 113) }
```


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

```
.border{ border-color:rgb(226, 158, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 158, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 158, 113); box-shadow:4px 4px 4px 4px rgb(226, 158, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 173.2020, 54.9730, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 113) }
```

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

```
.background{ background-color: rgb(226,  
158, 113) }
```

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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