

Converting Colors

YIQ(172.2710, 24.1620, 2.6420)

Have a look what the booklet for
YIQ(172.2710, 24.1620, 2.6420)
contains.

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Color

**YIQ(172.2710, 24.1620,
2.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A496
RGB	197, 164, 150
RGB Percent	77%, 64%, 59%
CMY	0.2274, 0.3569, 0.4117
CMYK	0.00, 0.17, 0.24, 0.23
HSL	18°, 29%, 68%
HSV	18°, 24%, 77%
XYZ	41.8108, 40.6215, 34.5027
YIQ	172.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

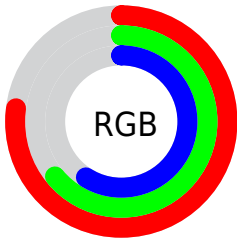
Format	Color
R_{YB}	197, 170, 150
Decimal	12952726
CIE _{Lab}	69.91, 9.96, 11.77
CIE _{LCh}	70, 15.420, 49.748
Yxy	40.6215, 0.3576, 0.3474
Android (android.graphics.Color)	4291142806 (0xFFC5A496)
YUV	172.2710, -10.9796, 21.6873
Hunter-Lab	63.7350, 5.5614, 12.5181

Details

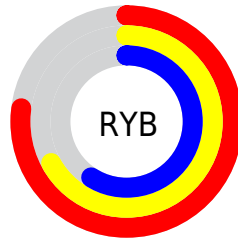
The YIQ color $172.2710, 24.1620, 2.6420$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $174.7290, -24.1620, -2.6420$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.7550, 25.6750, 2.7550$, and $119.7870, 22.6490, 2.5290$ is the 20% darker color. If you saturate the color by 10%, you get $161.7730, 34.4320, 3.7440$, and if you desaturate by 10%, it is $182.7690, 13.8920, 1.5400$.

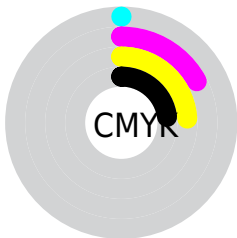
Distribution



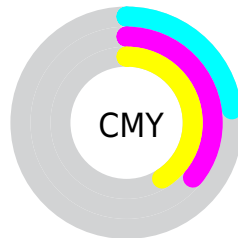
- Red (77%)
- Green (64%)
- Blue (59%)



- Red (77%)
- Yellow (67%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.2710, 24.1620, 2.6420 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 172.2710, 24.1620, 2.6420 by changing the saturation by 10% instead.


 172.2710, 24.1620,
2.6420

 172.2710, 24.1620,
2.6420


255.0000, -0.0000,
-0.0000


 145.6730, 22.9700,
2.2180


 227.7550, 25.6750,
2.7550


 119.7870, 22.6490,
2.5290

 247.6820, 9.5830,
-2.9690

 94.8900, 20.8610,
1.8930

 70.8190, 19.6230,
2.3030

 48.2210, 18.4310,
1.8790

 26.9820, 17.6060,
0.3100

 6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 172.2710, 24.1620,
2.6420

■ 172.2710, 24.1620,
2.6420

■ 161.7730, 34.4320,
3.7440

■ 182.7690, 13.8920,
1.5400

■ 151.3890, 44.3810,
5.1570

■ 193.1530, 3.9430,
0.1270

■ 140.8910, 54.6510,
6.2590

■ 203.6510, -6.3270,
-0.9750

■ 130.9800, 64.6460,
6.8380

■ 213.5620,
-16.3220, -1.5540

■ 120.5960, 74.5950,
8.2510

■ 224.0600,
-26.5920, -2.6560

■ 110.0980, 84.8650,
9.3530

■ 232.9620,
-32.3680, -8.1120

■ 99.6000, 95.1350,
10.4550

■ 237.6580,
-34.5680, -12.2960

■ 93.5360, 101.1870,
10.9070

Harmonies

Analogous

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



173.0740, 23.5190, 8.7910



172.2710, 24.1620, 2.6420



170.9450, 19.0280, -3.4360

Triad

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



172.2710, 24.1620, 2.6420



166.3410, -17.5580, -12.1980



171.5940, -10.1800, 8.2840

Complementary

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



172.2710, 24.1620, 2.6420



174.7290, -24.1620, -2.6420

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.



169.5600, -22.0080, 2.3760



172.2710, 24.1620, 2.6420



165.9580, -26.5450, -9.0170

Square

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



172.2710, 24.1620, 2.6420



167.8710, -4.4910, -12.2270



166.7500, -28.6550, -3.8150



172.8300, 3.8950, 12.0150

Rectangle

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



172.2710, 24.1620, 2.6420



169.6020, 12.5640, -7.4360



166.7500, -28.6550, -3.8150



170.5010, -14.3520, 6.8000

Sweetspot

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



172.2710, 24.1620, 2.6420



245.3170, 9.3530, 1.2010



167.9290, 17.0980, 20.5380



122.0500, 5.7310, 0.7630



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.



172.2710, 24.1620, 2.6420



216.0400, 38.0540, 4.1820



185.7720, 17.8370, -9.3870



93.8650, 4.8140, 0.8620



76.9130, 83.9480, 9.4520



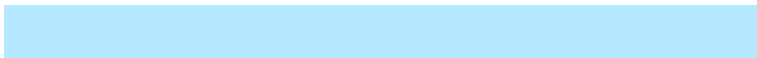
17.2210, 18.4310, 1.8790

Inverse Universe

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



174.7290, -24.1620, -2.6420



219.9600, -38.0540, -4.1820



161.2280, -17.8370, 9.3870



94.5480, -4.5390, -0.3390



86.0870, -83.9480, -9.4520



18.7790, -18.4310, -1.8790

Previews

White Background



This preview shows how the YIQ color 172.2710, 24.1620, 2.6420 looks on a white background.

Color Contrast Check

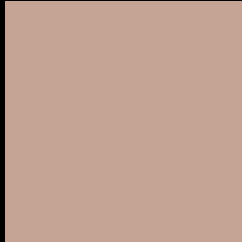
Large Text (above 18pt) WCAG AA × Fail

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 172.2710, 24.1620, 2.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

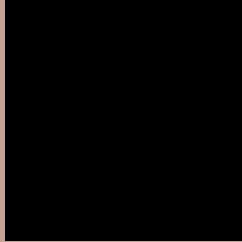
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2710, 24.1620, 2.6420

Background



This preview shows how black text looks on a background with the YIQ color 172.2710, 24.1620, 2.6420.



This preview shows how white text looks on a background with the YIQ color 172.2710, 24.1620,

2.6420.

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

172.2710, 24.1620, 2.6420

Protanopia

170.4540, 10.2250, -3.5910

Deuteranopia

172.2600, 22.6950, 1.6950



Tritanopia

174.0290, 19.3920, 12.0000

Trichromacy



Original Color

172.2710, 24.1620, 2.6420

Protanomaly

171.2590, 15.2680, -1.3720

Deuteranomaly

172.5590, 23.2910, 1.9070

Tritanomaly

173.4050, 21.0890, 8.7770

Monochromacy



Original Color

172.2710, 24.1620, 2.6420

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0180, 8.7570, 0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2710, 24.1620, 2.6420 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(197, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(197, 164, 150)  
}
```

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(197, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 164, 150) }
```

Border

The CSS property to change the border of an element to YIQ 172.2710, 24.1620, 2.6420 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(197, 164, 150) }
```


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

```
.border{ border-color:rgb(197, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(197, 164,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2710, 24.1620, 2.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 164, 150) }
```

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

```
.background{ background-color: rgb(197,  
164, 150) }
```

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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