

Converting Colors

YIQ(172.2540, -4.6720,
-25.4720)

Have a look what the booklet for
YIQ(172.2540, -4.6720, -25.4720)
contains.

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Color

**YIQ(172.2540, -4.6720,
-25.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	98BE86
RGB	152, 190, 134
RGB Percent	60%, 75%, 53%
CMY	0.4040, 0.2548, 0.4745
CMYK	0.20, 0.00, 0.29, 0.25
HSL	101°, 30%, 64%
HSV	101°, 29%, 75%
XYZ	35.6633, 45.2275, 29.4067
YIQ	172.2540, -4.6720, -25.4720

Conversions

Conversions Part 2

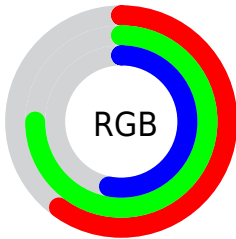
Format	Color
RYB	134, 190, 172
Decimal	10010246
CIELab	73.04, -23.17, 24.24
CIELCh	73, 33.532, 133.702
Yxy	45.2275, 0.3233, 0.4101
Android (android.graphics.Color)	4288200326 (0xFF98BE86)
YUV	172.2540, -18.8592, -17.7628
Hunter-Lab	67.2514, -23.0316, 21.1505

Details

The YIQ color $172.2540, -4.6720, -25.4720$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $151.7460, 4.6720, 25.4720$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.7270, -4.6260, -26.3060$, and $119.3080, -4.7640, -23.8040$ is the 20% darker color. If you saturate the color by 10%, you get $166.2010, -6.3210, -34.1370$, and if you desaturate by 10%, it is $178.3070, -3.0230, -16.8070$.

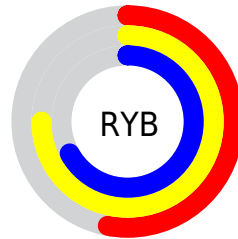
Distribution



Red (60%)

Green (75%)

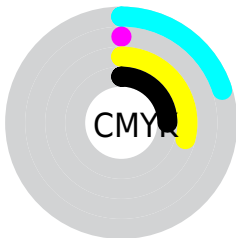
Blue (53%)



Red (53%)

Yellow (75%)

Blue (67%)

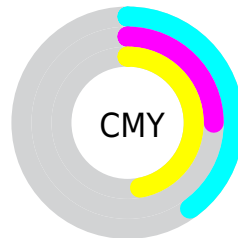


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (25%)



Cyan (40%)

Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2540, -4.6720, -25.4720 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 172.2540, -4.6720, -25.4720 by changing the saturation by 10% instead.


 172.2540, -4.6720,
-25.4720


 172.2540, -4.6720,
-25.4720


255.0000, -0.0000,
-0.0000


 145.6670, -4.3970,
-24.9490


 227.7270, -4.6260,
-26.3060


 119.3080, -4.7640,
-23.8040


 244.4600, 0.9200,
-16.6800

 94.4220, -5.0850,
-23.4930

 253.7460, 3.5310,
-3.4210

 70.0630, -5.4520,
-22.3480

 46.8780, -6.3690,
-22.2490

 25.5730, -6.8280,
-19.4360

 11.1530, -5.2250,

-9.9370

■ 0.0000, 0.0000,
0.0000

■ 172.2540, -4.6720,
-25.4720

■ 172.2540, -4.6720,
-25.4720

■ 166.2010, -6.3210,
-34.1370

■ 178.3070, -3.0230,
-16.8070

■ 160.1480, -7.9700,
-42.8020

■ 184.3600, -1.3740,
-8.1420

■ 154.0950, -9.6190,
-51.4670

■ 190.4130, 0.2750,
0.5230

■ 148.0420,
-11.2680, -60.1320

■ 196.4660, 1.9240,
9.1880

■ 141.9890,
-12.9170, -68.7970

■ 202.5190, 3.5730,
17.8530

■ 136.2350,
-13.9700, -77.2500

■ 208.2730, 4.6260,
26.3060

■ 130.1820,
-15.6190, -85.9150

■ 212.9580, 10.1270,
31.2390

■ 129.7690,
-15.8940, -86.4380

■ 216.8450, 17.8750,
33.9950

Harmonies

Analogous

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



176.0140, 22.6070, -18.7450



172.2540, -4.6720, -25.4720



167.2040, -36.7660, -27.5340

Triad

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



172.2540, -4.6720, -25.4720



170.3890, -61.0710, -0.0390



182.2560, 46.8540, 20.9180

Complementary

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



172.2540, -4.6720, -25.4720



151.7460, 4.6720, 25.4720

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.



183.6750, 29.7970, 27.1810



172.2540, -4.6720, -25.4720



178.6860, -30.6300, 15.4660

Square

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



172.2540, -4.6720, -25.4720



162.3940, -77.8030, -16.1950



183.0770, 2.2420, 25.4580



181.0910, 51.2120, 8.0120

Rectangle

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



172.2540, -4.6720, -25.4720



163.3080, -57.4900, -26.4020



183.0770, 2.2420, 25.4580



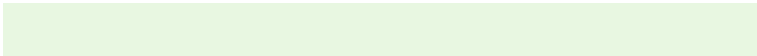
183.2110, 42.7270, 24.1270

Sweetspot

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



172.2540, -4.6720, -25.4720



240.0070, -1.8780, -10.0220



172.4630, 23.2010, -7.4790



120.7130, -0.8700, -6.2620



252.0000, 0.0000, 0.0000



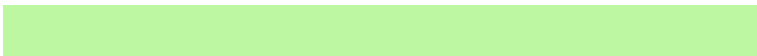
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.2540, -4.6720, -25.4720



219.8540, -6.9620, -39.0420



167.8980, -18.2890, -26.4890



91.1800, -0.6870, -4.0710



107.9950, -13.0540, -71.8220



21.1870, -2.5650, -14.0930

Inverse Universe

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



151.7460, 4.6720, 25.4720



188.4450, 7.5580, 39.2540



156.1020, 18.2890, 26.4890



87.8200, 0.6870, 4.0710



50.0050, 13.0540, 71.8220



9.8130, 2.5650, 14.0930

Previews

White Background



This preview shows how the YIQ color 172.2540, -4.6720, -25.4720 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 172.2540, -4.6720, -25.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

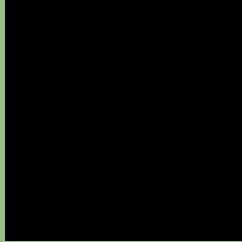
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2540, -4.6720, -25.4720

Background



This preview shows how black text looks on a background with the YIQ color 172.2540, -4.6720, -25.4720.



This preview shows how white text looks on a background with the YIQ color 172.2540, -4.6720, -25.4720.

-25.4720.

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

172.2540, -4.6720, -25.4720

Protanopia

177.1870, 23.7980, -12.7940

Deuteranopia

179.4860, 33.5620, -2.5180



Tritanopia

177.6160, -16.4140, 0.1140

Trichromacy



Original Color

172.2540, -4.6720, -25.4720

Protanomaly

175.2780, 13.1160, -17.4440

Deuteranomaly

177.2020, 19.4420, -10.9420

Tritanomaly

175.5590, -12.2400, -9.4560

Monochromacy



Original Color

172.2540, -4.6720, -25.4720

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.4200, -1.6030, -9.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2540, -4.6720, -25.4720 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(152, 190, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 190, 134)  
}
```

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(152, 190, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 190, 134) }
```

Border

The CSS property to change the border of an element to YIQ 172.2540, -4.6720, -25.4720 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(152, 190, 134) }
```


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

```
.border{ border-color:rgb(152, 190, 134) }
```

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

Here you see how a box with a 4 pixel rgb(152, 190, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 190, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 190, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 190,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2540, -4.6720, -25.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 190, 134) }
```

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

```
.background{ background-color: rgb(152,  
190, 134) }
```

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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