

Converting Colors

YIQ(198.4920, 41.4520,
-24.3720)

Have a look what the booklet for
YIQ(198.4920, 41.4520, -24.3720)
contains.

YIQ(198.4920, 41.4520, -24.3720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.4920, 41.4520,
-24.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCB6F
RGB	223, 203, 111
RGB Percent	87%, 80%, 44%
CMY	0.1255, 0.2039, 0.5645
CMYK	0.00, 0.09, 0.50, 0.13
HSL	49°, 64%, 66%
HSV	49°, 50%, 87%
XYZ	54.6571, 59.5444, 23.6688
YIQ	198.4920, 41.4520, -24.3720

Conversions

Conversions Part 2

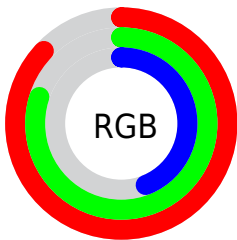
Format	Color
RYB	135, 223, 111
Decimal	14666607
CIELab	81.59, -4.86, 48.00
CIELCh	82, 48.249, 95.778
Yxy	59.5444, 0.3964, 0.4319
Android (android.graphics.Color)	4292856687 (0xFFDFCB6F)
YUV	198.4920, -43.1336, 21.4935
Hunter-Lab	77.1650, -8.6046, 35.8295

Details

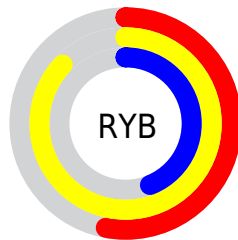
The YIQ color $198.4920, 41.4520, -24.3720$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $135.5080, -41.4520, 24.3720$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.7400, 28.8900, -27.9900$, and $143.9370, 38.7010, -24.0750$ is the 20% darker color. If you saturate the color by 10%, you get $193.6360, 49.6140, -29.1220$, and if you desaturate by 10%, it is $203.3480, 33.2900, -19.6220$.

Distribution



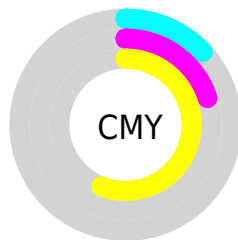
- Red (87%)
- Green (80%)
- Blue (44%)



- Red (53%)
- Yellow (87%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4920, 41.4520, -24.3720 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 198.4920, 41.4520, -24.3720 by changing the saturation by 10% instead.

■ 198.4920, 41.4520,
-24.3720

■ 198.4920, 41.4520,
-24.3720

■ 255.0000, -0.0000,
-0.0000

■ 171.0080, 39.9390,
-24.4850

■ 244.7400, 28.8900,
-27.9900

■ 143.9370, 38.7010,
-24.0750

■ 247.8180, 20.2230,
-19.5930

■ 117.3390, 37.5090,
-24.4990

■ 251.1240, 10.9140,
-10.5740

■ 91.5300, 38.2890,
-27.6230

■ 254.4300, 1.6050,
-1.5550

■ 69.1410, 29.4390,
-21.4170

■ 48.7520, 20.5890,
-15.2110

■ 28.9500, 11.4640,

-9.5280

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 198.4920, 41.4520,
-24.3720

■ 198.4920, 41.4520,
-24.3720

■ 193.6360, 49.6140,
-29.1220

■ 203.3480, 33.2900,
-19.6220

■ 188.6660, 58.0970,
-34.1830

■ 208.3180, 24.8070,
-14.5610

■ 183.8100, 66.2590,
-38.9330

■ 213.1740, 16.6450,
-9.8110

■ 178.9540, 74.4210,
-43.6830

■ 218.0300, 8.4830,
-5.0610

■ 174.0980, 82.5830,
-48.4330

■ 223.0000, -0.0000,
-0.0000

■ 227.8560, -8.1620,
4.7500

■ 231.3440,
-12.4720, 5.7680

■ 233.6920,
-13.5720, 3.6760

■ 236.0400,
-14.6720, 1.5840

Harmonies

Analogous

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



199.8080, 61.7140, -6.1100



198.4920, 41.4520, -24.3720



193.5950, 4.1330, -36.3710

Triad

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



198.4920, 41.4520, -24.3720



161.0310, -143.4090, -38.6810



205.2700, 27.0440, 38.5320

Complementary

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



198.4920, 41.4520, -24.3720



135.5080, -41.4520, 24.3720

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.



204.9070, -3.0310, 27.4090



198.4920, 41.4520, -24.3720



169.0070, -116.4980, -25.2820

Square

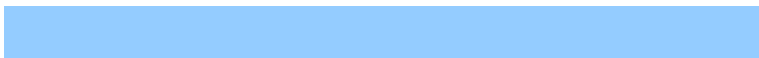
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.4920, 41.4520, -24.3720



163.4680, -117.3190, -48.9590



193.0700, -49.7470, 3.9890



196.0310, 43.4140, 28.1980

Rectangle

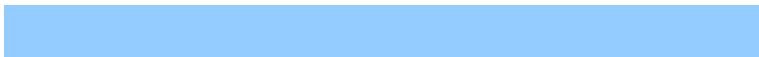
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.4920, 41.4520, -24.3720



188.0890, -26.6770, -39.6770



193.0700, -49.7470, 3.9890



208.5020, 20.5790, 40.0590

Sweetspot

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



198.4920, 41.4520, -24.3720



246.5590, 14.1230, -8.1570



146.8820, 60.0110, 30.2750



122.4430, 8.7580, -4.5380



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.



198.4920, 41.4520, -24.3720



221.7090, 56.5380, -33.4620



199.7670, 15.0920, -42.2520



109.5720, 4.0810, -2.3750



137.7390, 65.0210, -38.5230



37.8320, 17.6080, -10.7440

Inverse Universe

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



135.5080, -41.4520, 24.3720



135.2910, -56.5380, 33.4620



134.5320, -14.4960, 42.4640



103.4280, -4.0810, 2.3750



38.2610, -65.0210, 38.5230



10.7550, -17.8830, 10.2210

Previews

White Background



This preview shows how the YIQ color 198.4920, 41.4520, -24.3720 looks on a white background.

Color Contrast Check

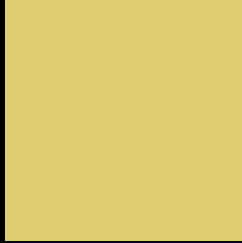
Large Text (above 18pt) WCAG AA × Fail

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 198.4920, 41.4520, -24.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

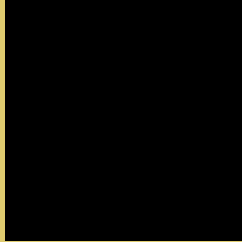
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4920, 41.4520, -24.3720

Background



This preview shows how black text looks on a background with the YIQ color 198.4920, 41.4520, -24.3720.



This preview shows how white text looks on a background with the YIQ color 198.4920, 41.4520,

-24.3720.

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

198.4920, 41.4520, -24.3720

Protanopia

198.4920, 41.4520, -24.3720

Deuteranopia

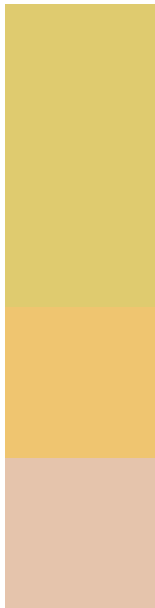
200.3250, 58.4600, -13.2200



Tritanopia

205.6700, 19.0250, 13.1450

Trichromacy



Original Color

198.4920, 41.4520, -24.3720

Protanomaly

198.4920, 41.4520, -24.3720

Deuteranomaly

199.8680, 52.3170, -17.5310

Tritanomaly

203.1310, 27.3720, -0.4680

Monochromacy



Original Color

198.4920, 41.4520, -24.3720

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2170, 15.0860, -9.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4920, 41.4520, -24.3720 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(223, 203, 111)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 111)  
}
```

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(223, 203, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 111) }
```

Border

The CSS property to change the border of an element to YIQ 198.4920, 41.4520, -24.3720 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(223, 203, 111) }
```


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

```
.border{ border-color:rgb(223, 203, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 111);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4920, 41.4520, -24.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 111) }
```

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

```
.background{ background-color: rgb(223,  
203, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor