

Converting Colors

YIQ(188.9520, 42.3720,
-41.0520)

Have a look what the booklet for
YIQ(188.9520, 42.3720, -41.0520)
contains.

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Color

**YIQ(188.9520, 42.3720,
-41.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CC48
RGB	204, 204, 72
RGB Percent	80%, 80%, 28%
CMY	0.2001, 0.2000, 0.7174
CMYK	0.00, 0.00, 0.65, 0.20
HSL	60°, 56%, 54%
HSV	60°, 65%, 80%
XYZ	47.6608, 56.4888, 14.5341
YIQ	188.9520, 42.3720, -41.0520

Conversions

Conversions Part 2

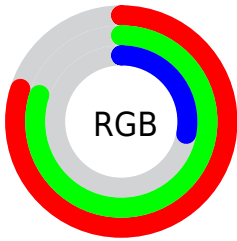
Format	Color
RYB	72, 204, 72
Decimal	13421640
CIELab	79.89, -16.09, 63.12
CIELCh	80, 65.136, 104.303
Yxy	56.4888, 0.4016, 0.4760
Android (android.graphics.Color)	4291611720 (0xFFCCCC48)
YUV	188.9520, -57.6573, 13.1971
Hunter-Lab	75.1590, -18.3354, 41.1459

Details

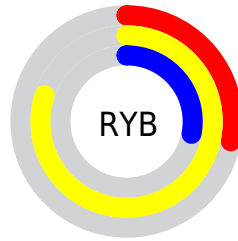
The YIQ color **188.9520, 42.3720, -41.0520** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **87.0480, -42.3720, 41.0520**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.4080, 41.0880, -39.8080**, and **132.1170, 46.0410, -46.9750** is the 20% darker color. If you saturate the color by 10%, you get **186.6720, 48.7920, -47.2720**, and if you desaturate by 10%, it is **191.2320, 35.9520, -34.8320**.

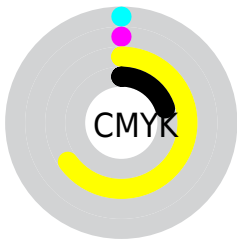
Distribution



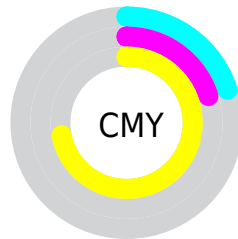
- Red (80%)
- Green (80%)
- Blue (28%)



- Red (28%)
- Yellow (80%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.9520, 42.3720, -41.0520 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 188.9520, 42.3720, -41.0520 by changing the saturation by 10% instead.


 188.9520, 42.3720,
-41.0520


 188.9520, 42.3720,
-41.0520

255.0000, -0.0000,
-0.0000


 161.1260, 41.8220,
-42.0980


 240.4080, 41.0880,
-39.8080


 132.1170, 46.0410,
-46.9750


 243.6000, 32.1000,
-31.1000


 108.3690, 36.8240,
-39.6240

 246.7920, 23.1120,
-22.3920

 86.2080, 27.3320,
-32.7960

 249.9840, 14.1240,
-13.6840

 64.0470, 17.8400,
-25.9680

 253.4040, 4.4940,
-4.3540

 42.7720, 8.6690,
-19.4510

 22.6710, -1.0520,

-13.9800

■ 0.0000, 0.0000,
0.0000

■ 188.9520, 42.3720,
-41.0520

■ 188.9520, 42.3720,
-41.0520

■ 186.6720, 48.7920,
-47.2720

■ 191.2320, 35.9520,
-34.8320

■ 184.2780, 55.5330,
-53.8030

■ 193.6260, 29.2110,
-28.3010

■ 181.9980, 61.9530,
-60.0230

■ 195.9060, 22.7910,
-22.0810

■ 180.7440, 65.4840,
-63.4440

■ 198.3000, 16.0500,
-15.5500

■ 200.5800, 9.6300,
-9.3300

■ 202.8600, 3.2100,
-3.1100

■ 205.2540, -3.5310,
3.4210

■ 207.5340, -9.9510,
9.6410

■ 209.8140,
-16.3710, 15.8610

Harmonies

Analogous

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



192.4440, 76.9380, -17.7020



188.9520, 42.3720, -41.0520



180.8280, -13.2410, -51.9050

Triad

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



188.9520, 42.3720, -41.0520



161.1450, -143.7300, -38.3700



190.2700, 36.2120, 48.5960

Complementary

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



188.9520, 42.3720, -41.0520



87.0480, -42.3720, 41.0520

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.



200.3210, 13.8390, 41.0630



188.9520, 42.3720, -41.0520



154.6880, -140.7050, -32.6170

Square

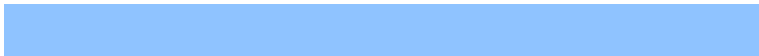
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188.9520, 42.3720, -41.0520



159.6000, -135.2460, -48.9580



186.2920, -50.2520, 7.6360



180.8540, 57.2140, 31.4060

Rectangle

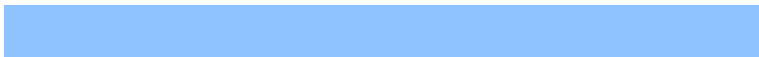
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.9520, 42.3720, -41.0520



167.8230, -67.5710, -58.4750



186.2920, -50.2520, 7.6360



195.9580, 28.4630, 51.3670

Sweetspot

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



188.9520, 42.3720, -41.0520



249.5280, 15.4080, -14.9280



111.4680, 78.6720, 27.9840



124.2810, 9.0340, -9.5420



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.



188.9520, 42.3720, -41.0520



232.3140, 63.8790, -61.8890



169.2180, 3.0360, -55.0440



100.8600, 3.2100, -3.1100



147.0760, 53.2860, -51.6260



33.6680, 12.1980, -11.8180

Inverse Universe

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



87.0480, -42.3720, 41.0520



78.6860, -63.8790, 61.8890



106.7820, -3.0360, 55.0440



93.1400, -3.2100, 3.1100



18.9240, -53.2860, 51.6260



4.3320, -12.1980, 11.8180

Previews

White Background



This preview shows how the YIQ color 188.9520, 42.3720, -41.0520 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 188.9520, 42.3720, -41.0520 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 188.9520, 42.3720, -41.0520

Background



This preview shows how black text looks on a background with the YIQ color 188.9520, 42.3720, -41.0520.



This preview shows how white text looks on a background with the YIQ color 188.9520, 42.3720, -41.0520.

-41.0520.

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

188.9520, 42.3720, -41.0520

Protanopia

190.2850, 54.7960, -34.9320

Deuteranopia

192.6880, 70.1990, -22.2250



Tritanopia

200.1850, 10.0850, 9.9650

Trichromacy



Original Color

188.9520, 42.3720, -41.0520

Protanomaly

189.7790, 50.3490, -36.9390

Deuteranomaly

191.4970, 60.2510, -29.1650

Tritanomaly

196.3380, 22.0550, -8.7370

Monochromacy



Original Color

188.9520, 42.3720, -41.0520

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.5280, 15.4080, -14.9280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.9520, 42.3720, -41.0520 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(204, 204, 72)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 72)  
}
```

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(204, 204, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 72) }
```

Border

The CSS property to change the border of an element to YIQ 188.9520, 42.3720, -41.0520 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(204, 204, 72) }
```


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

```
.border{ border-color:rgb(204, 204, 72) }
```

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

Here you see how a box with a 4 pixel rgb(204, 204, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 72);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 188.9520, 42.3720, -41.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 72) }
```

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

```
.background{ background-color: rgb(204,  
204, 72) }
```

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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