

Converting Colors

YIQ(187.5640, 50.1170,
-21.7150)

Have a look what the booklet for
YIQ(187.5640, 50.1170, -21.7150)
contains.

YIQ(187.5640, 50.1170, -21.7150)	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(187.5640, 50.1170,
-21.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBC5F
RGB	222, 188, 95
RGB Percent	87%, 74%, 37%
CMY	0.1294, 0.2628, 0.6272
CMYK	0.00, 0.15, 0.57, 0.13
HSL	44°, 66%, 62%
HSV	44°, 57%, 87%
XYZ	50.1748, 52.3182, 18.2969
YIQ	187.5640, 50.1170, -21.7150

Conversions

Conversions Part 2

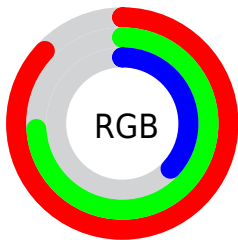
Format	Color
RYB	141, 222, 95
Decimal	14597215
CIELab	77.47, 1.21, 50.79
CIELCh	77, 50.805, 88.640
Yxy	52.3182, 0.4154, 0.4331
Android (android.graphics.Color)	4292787295 (0xFFDEBC5F)
YUV	187.5640, -45.6341, 30.2004
Hunter-Lab	72.3313, -2.7579, 35.6340

Details

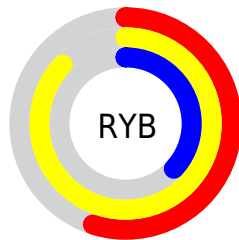
The YIQ color **187.5640, 50.1170, -21.7150** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **129.4360, -50.1170, 21.7150**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3450, 37.3720, -27.5240**, and **133.1830, 46.8160, -22.4640** is the 20% darker color. If you saturate the color by 10%, you get **181.5340, 58.8290, -25.4190**, and if you desaturate by 10%, it is **193.5940, 41.4050, -18.0110**.

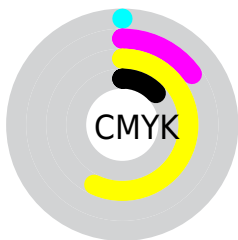
Distribution



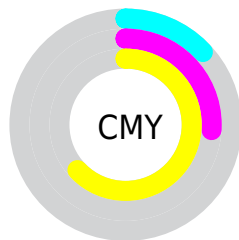
- Red (87%)
- Green (74%)
- Blue (37%)



- Red (55%)
- Yellow (87%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5640, 50.1170, -21.7150 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 187.5640, 50.1170, -21.7150 by changing the saturation by 10% instead.

■ 187.5640, 50.1170,
-21.7150

■ 187.5640, 50.1170,
-21.7150

■ 255.0000, -0.0000,
-0.0000

■ 160.0800, 48.6040,
-21.8280

■ 236.3450, 37.3720,
-27.5240

■ 133.1830, 46.8160,
-22.4640

■ 245.8800, 25.6800,
-24.8800

■ 106.8300, 46.3120,
-24.3440

■ 249.0720, 16.6920,
-16.1720

■ 82.7740, 40.7180,
-22.0820

■ 252.3780, 7.3830,
-7.1530

■ 61.4990, 31.5470,
-15.5650

■ 40.8110, 22.1010,
-9.5710

■ 21.5960, 12.7010,

-4.4110

■ 0.0000, 0.0000,
0.0000

■ 187.5640, 50.1170,
-21.7150

■ 187.5640, 50.1170,
-21.7150

■ 181.5340, 58.8290,
-25.4190

■ 193.5940, 41.4050,
-18.0110

■ 175.5040, 67.5410,
-29.1230

■ 199.6240, 32.6930,
-14.3070

■ 169.3600, 76.5740,
-33.1380

■ 205.7680, 23.6600,
-10.2920

■ 163.3300, 85.2860,
-36.8420

■ 211.7980, 14.9480,
-6.5880

■ 162.0590, 87.4870,
-38.1850

■ 217.8280, 6.2360,
-2.8840

■ 223.8580, -2.4760,
0.8200

■ 229.8880,
-11.1880, 4.5240

■ 233.9800,
-14.4430, 2.9410

■ 237.5020,
-16.0930, -0.1970

Harmonies

Analogous

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



189.3900, 69.0030, -0.5410



187.5640, 50.1170, -21.7150



182.6840, 14.1280, -35.7920

Triad

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



187.5640, 50.1170, -21.7150



152.9950, -134.5600, -39.3600



197.3070, 25.6220, 42.2780

Complementary

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



187.5640, 50.1170, -21.7150



129.4360, -50.1170, 21.7150

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.



192.1380, -16.9230, 25.8690



187.5640, 50.1170, -21.7150



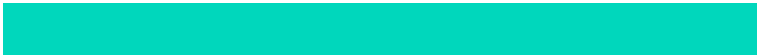
151.7530, -139.3300, -30.0020

Square

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



187.5640, 50.1170, -21.7150



147.6370, -119.4730, -53.9770



176.7020, -72.2580, -1.0420



188.2860, 47.3100, 34.6860

Rectangle

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



187.5640, 50.1170, -21.7150



178.1240, -16.5900, -40.7660



176.7020, -72.2580, -1.0420



196.9400, 10.5380, 40.3140

Sweetspot

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



187.5640, 50.1170, -21.7150



243.0540, 17.1030, -7.0970



137.0770, 64.1360, 38.1200



120.9270, 10.2710, -4.4250



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.



187.5640, 50.1170, -21.7150



207.3470, 69.4210, -30.1550



199.4490, 24.6750, -45.2210



108.9850, 4.3560, -1.8520



128.3470, 69.4210, -30.1550



34.8970, 18.9830, -8.1290

Inverse Universe

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



129.4360, -50.1170, 21.7150



126.6530, -69.4210, 30.1550



117.8500, -24.0790, 45.4330



104.0150, -4.3560, 1.8520



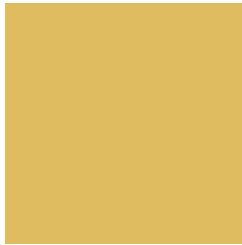
47.6530, -69.4210, 30.1550



13.1030, -18.9830, 8.1290

Previews

White Background



This preview shows how the YIQ color 187.5640, 50.1170, -21.7150 looks on a white background.

Color Contrast Check

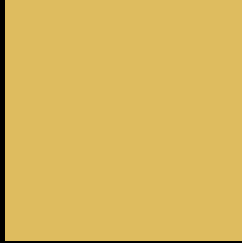
Large Text (above 18pt) WCAG AA × Fail

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 187.5640, 50.1170, -21.7150 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 187.5640, 50.1170, -21.7150

Background



This preview shows how black text looks on a background with the YIQ color 187.5640, 50.1170, -21.7150.



This preview shows how white text looks on a background with the YIQ color 187.5640, 50.1170, -21.7150.

-21.7150.

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

187.5640, 50.1170, -21.7150

Protanopia

187.0360, 42.7360, -25.6160

Deuteranopia

188.3420, 59.7900, -15.2980



Tritanopia

194.4430, 27.0940, 15.5900

Trichromacy



Original Color

187.5640, 50.1170, -21.7150

Protanomaly

187.6450, 45.3950, -24.2450

Deuteranomaly

188.0210, 56.2600, -17.4040

Tritanomaly

191.9040, 35.4410, 1.9770

Monochromacy



Original Color

187.5640, 50.1170, -21.7150

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7120, 18.0660, -8.0300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5640, 50.1170, -21.7150 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(222, 188, 95)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 95)  
}
```

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(222, 188, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 95) }
```

Border

The CSS property to change the border of an element to YIQ 187.5640, 50.1170, -21.7150 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(222, 188, 95) }
```


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

```
.border{ border-color:rgb(222, 188, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 95);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5640, 50.1170, -21.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 95) }
```

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

```
.background{ background-color: rgb(222,  
188, 95) }
```

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