

Converting Colors

YIQ(184.4820, 47.4120,
-22.2520)

Have a look what the booklet for
YIQ(184.4820, 47.4120, -22.2520)
contains.

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Color

**YIQ(184.4820, 47.4120,
-22.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BA5E
RGB	216, 186, 94
RGB Percent	85%, 73%, 37%
CMY	0.1529, 0.2706, 0.6311
CMYK	0.00, 0.14, 0.56, 0.15
HSL	45°, 61%, 61%
HSV	45°, 56%, 85%
XYZ	47.8995, 50.5212, 17.8322
YIQ	184.4820, 47.4120, -22.2520

Conversions

Conversions Part 2

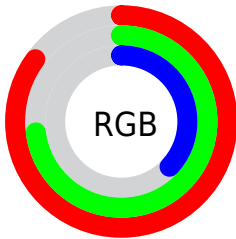
Format	Color
RYB	134, 216, 94
Decimal	14203486
CIELab	76.39, -0.33, 49.87
CIELCh	76, 49.867, 90.379
Yxy	50.5212, 0.4120, 0.4346
Android (android.graphics.Color)	4292393566 (0xFFD8BA5E)
YUV	184.4820, -44.6076, 27.6413
Hunter-Lab	71.0783, -4.0962, 34.8800

Details

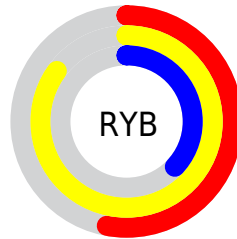
The YIQ color **184.4820, 47.4120, -22.2520** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **125.5180, -47.4120, 22.2520**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0570, 38.2430, -26.7890**, and **130.2150, 43.7900, -22.6900** is the 20% darker color. If you saturate the color by 10%, you get **179.0390, 55.8490, -26.4790**, and if you desaturate by 10%, it is **189.9250, 38.9750, -18.0250**.

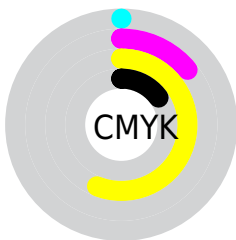
Distribution



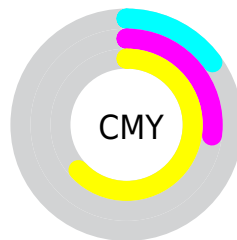
- Red (85%)
- Green (73%)
- Blue (37%)



- Red (53%)
- Yellow (85%)
- Blue (37%)



- Cyan (0%)
- Magenta (14%)
- Yellow (56%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4820, 47.4120, -22.2520 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 184.4820, 47.4120, -22.2520 by changing the saturation by 10% instead.

■ 184.4820, 47.4120,
-22.2520

■ 184.4820, 47.4120,
-22.2520

■ 255.0000, -0.0000,
-0.0000

■ 156.9980, 45.8990,
-22.3650

■ 235.0570, 38.2430,
-26.7890

■ 130.2150, 43.7900,
-22.6900

■ 245.7660, 26.0010,
-25.1910

■ 104.0470, 44.2030,
-24.6690

■ 248.9580, 17.0130,
-16.4830

■ 80.1050, 38.2880,
-22.0960

■ 252.2640, 7.7040,
-7.4640

■ 58.8300, 29.1170,
-15.5790

■ 38.7290, 19.3960,
-10.1080

■ 19.8130, 10.5920,

-4.7360

■ 0.0000, 0.0000,
0.0000

■ 184.4820, 47.4120,
-22.2520

■ 184.4820, 47.4120,
-22.2520

■ 179.0390, 55.8490,
-26.4790

■ 189.9250, 38.9750,
-18.0250

■ 173.1230, 64.2400,
-29.8720

■ 195.8410, 30.5840,
-14.6320

■ 167.6800, 72.6770,
-34.0990

■ 201.2840, 22.1470,
-10.4050

■ 162.3510, 80.7930,
-38.0150

■ 206.6130, 14.0310,
-6.4890

■ 160.2650, 83.9110,
-39.4570

■ 212.6430, 5.3190,
-2.7850

■ 218.0860, -3.1180,
1.4420

■ 223.4150,
-11.2340, 5.3580

■ 228.0770,
-16.0940, 5.3300

■ 231.0120,
-17.4690, 2.7150

Harmonies

Analogous

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



187.8630, 69.0490, -1.3750



184.4820, 47.4120, -22.2520



179.4280, 11.9730, -35.2830

Triad

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



184.4820, 47.4120, -22.2520



150.5330, -133.1390, -37.5790



193.6770, 27.4560, 42.0800

Complementary

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



184.4820, 47.4120, -22.2520



125.5180, -47.4120, 22.2520

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.



190.0890, -15.2270, 28.1730



184.4820, 47.4120, -22.2520



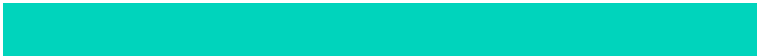
149.4050, -138.2300, -27.9100

Square

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



184.4820, 47.4120, -22.2520



145.8760, -118.6480, -52.4080



175.8490, -68.1780, 2.1100



186.5420, 49.4650, 34.1770

Rectangle

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



184.4820, 47.4120, -22.2520



174.9820, -19.0660, -39.9460



175.8490, -68.1780, 2.1100



194.1960, 12.6930, 39.8050

Sweetspot

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



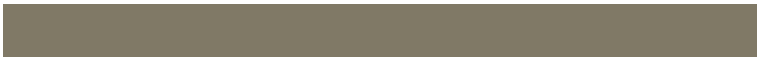
184.4820, 47.4120, -22.2520



243.6410, 16.8280, -7.6200



134.0120, 62.7610, 35.5050



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.



184.4820, 47.4120, -22.2520



210.0370, 67.3580, -31.3140



193.1220, 21.2820, -44.3020



103.9850, 4.3560, -1.8520



126.8520, 66.4410, -31.2150



32.2280, 16.5530, -8.1430

Inverse Universe

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



125.5180, -47.4120, 22.2520



126.3760, -67.0830, 31.8370



117.1770, -20.6860, 44.5140



99.0150, -4.3560, 1.8520



44.1480, -66.4410, 31.2150



11.3590, -16.8280, 7.6200

Previews

White Background



This preview shows how the YIQ color 184.4820, 47.4120, -22.2520 looks on a white background.

Color Contrast Check

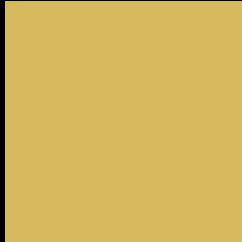
Large Text (above 18pt) WCAG AA × Fail

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 184.4820, 47.4120, -22.2520 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 184.4820, 47.4120, -22.2520

Background



This preview shows how black text looks on a background with the YIQ color 184.4820, 47.4120, -22.2520.



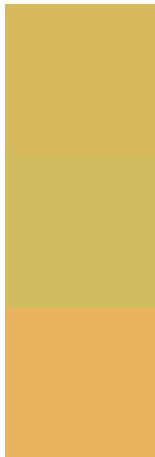
This preview shows how white text looks on a background with the YIQ color 184.4820, 47.4120, -22.2520.

-22.2520.

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

184.4820, 47.4120, -22.2520

Protanopia

183.9650, 41.4980, -25.2060

Deuteranopia

185.9720, 57.9560, -15.1000



Tritanopia

191.2470, 24.7100, 14.7420

Trichromacy



Original Color

184.4820, 47.4120, -22.2520

Protanomaly

184.2750, 43.5610, -24.0470

Deuteranomaly

185.2380, 54.1510, -17.7290

Tritanomaly

188.7080, 33.0570, 1.1290

Monochromacy



Original Color

184.4820, 47.4120, -22.2520

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.4130, 17.4700, -8.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.4820, 47.4120, -22.2520 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(216, 186, 94)` looks like.

```
.text, #text, p{  
    color:rgb(216, 186, 94)  
}
```

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(216, 186, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 186, 94) }
```

Border

The CSS property to change the border of an element to YIQ 184.4820, 47.4120, -22.2520 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(216, 186, 94) }
```


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

```
.border{ border-color:rgb(216, 186, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 186, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 186, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 186, 94);  
box-shadow:4px 4px 4px 4px rgb(216, 186,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 184.4820, 47.4120, -22.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 186, 94) }
```

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

```
.background{ background-color: rgb(216,  
186, 94) }
```

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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