

Converting Colors

YIQ(187.7120, 61.6240,
-15.4960)

Have a look what the booklet for
YIQ(187.7120, 61.6240, -15.4960)
contains.

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Color

**YIQ(187.7120, 61.6240,
-15.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB55D
RGB	237, 181, 93
RGB Percent	93%, 71%, 36%
CMY	0.0705, 0.2903, 0.6350
CMYK	0.00, 0.24, 0.61, 0.07
HSL	37°, 80%, 65%
HSV	37°, 61%, 93%
XYZ	53.4301, 51.8378, 17.5641
YIQ	187.7120, 61.6240, -15.4960

Conversions

Conversions Part 2

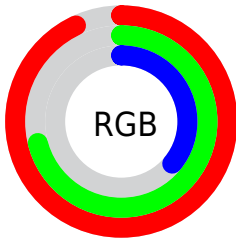
Format	Color
RYB	185, 237, 93
Decimal	15578461
CIELab	77.18, 11.00, 51.79
CIELCh	77, 52.944, 78.009
Yxy	51.8378, 0.4350, 0.4220
Android (android.graphics.Color)	4293768541 (0xFFEDB55D)
YUV	187.7120, -46.6930, 43.2256
Hunter-Lab	71.9985, 6.4677, 35.9351

Details

The YIQ color **187.7120, 61.6240, -15.4960** 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 **142.2880, -61.6240, 15.4960**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0080, 39.9390, -24.4850**, and **133.0320, 57.7270, -16.4570** is the 20% darker color. If you saturate the color by 10%, you get **179.6930, 71.8030, -18.2530**, and if you desaturate by 10%, it is **195.7310, 51.4450, -12.7390**.

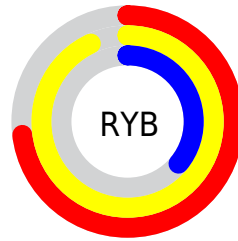
Distribution



Red (93%)

Green (71%)

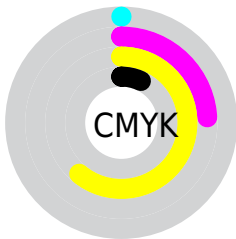
Blue (36%)



Red (73%)

Yellow (93%)

Blue (36%)

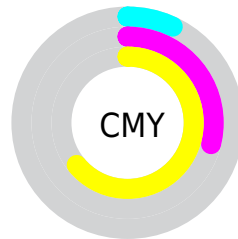


Cyan (0%)

Magenta (24%)

Yellow (61%)

Black (7%)



Cyan (7%)

Magenta (29%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.7120, 61.6240, -15.4960 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 187.7120, 61.6240, -15.4960 by changing the saturation by 10% instead.

187.7120, 61.6240,
-15.4960

187.7120, 61.6240,
-15.4960

255.0000, -0.0000,
-0.0000

159.9290, 59.5150,
-15.8210

232.0080, 39.9390,
-24.4850

133.1460, 57.4060,
-16.1460

245.6520, 26.3220,
-25.5020

106.3800, 56.6270,
-18.5490

248.8440, 17.3340,
-16.7940

82.2530, 49.7950,
-15.8770

252.1500, 8.0250,
-7.7750

61.2660, 39.7530,
-10.0950

40.2790, 29.7110,
-4.3130

20.7650, 19.7150,

0.6350

■ 0.0000, 0.0000,
0.0000

■ 187.7120, 61.6240,
-15.4960

■ 187.7120, 61.6240,
-15.4960

■ 179.6930, 71.8030,
-18.2530

■ 195.7310, 51.4450,
-12.7390

■ 171.7880, 81.6610,
-20.6990

■ 203.6360, 41.5870,
-10.2930

■ 163.1820, 92.1150,
-22.9330

■ 212.2420, 31.1330,
-8.0590

■ 155.9780,
101.3770, -25.5910

■ 220.2610, 20.9540,
-5.3020

■ 228.2800, 10.7750,
-2.5450

■ 236.1850, 0.9170,
-0.0990

■ 244.3350, -8.2530,
0.8910

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



185.6060, 68.6350, 6.1310



187.7120, 61.6240, -15.4960



183.4640, 29.4870, -33.3050

Triad

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



187.7120, 61.6240, -15.4960



151.7580, -129.6990, -44.8590



195.8800, 10.7670, 41.6710

Complementary

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



187.7120, 61.6240, -15.4960



142.2880, -61.6240, 15.4960

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.



186.4020, -35.5820, 17.1060



187.7120, 61.6240, -15.4960



153.5140, -140.1550, -31.5710

Square

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



187.7120, 61.6240, -15.4960



159.5350, -83.8950, -48.9750



159.0170, -113.2900, -17.3380



189.6370, 42.1280, 40.4960

Rectangle

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



187.7120, 61.6240, -15.4960



179.3340, 0.3740, -39.8340



159.0170, -113.2900, -17.3380



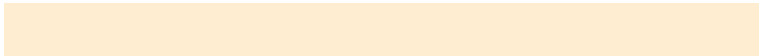
194.0090, -3.0780, 33.7700

Sweetspot

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



187.7120, 61.6240, -15.4960



239.1900, 19.7160, -4.8920



142.6680, 67.2060, 48.5660



118.2370, 12.3340, -3.2660



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.



187.7120, 61.6240, -15.4960



191.5320, 79.5060, -20.1900



216.3980, 37.8800, -47.7520



113.3980, 4.6310, -1.3290



119.2760, 77.3510, -19.6810



35.5170, 23.1090, -5.8110

Inverse Universe

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



142.2880, -61.6240, 15.4960



132.4680, -79.5060, 20.1900



113.6020, -37.8800, 47.7520



109.6020, -4.6310, 1.3290



61.7240, -77.3510, 19.6810



18.4830, -23.1090, 5.8110

Previews

White Background



This preview shows how the YIQ color 187.7120, 61.6240, -15.4960 looks on a white background.

Color Contrast Check

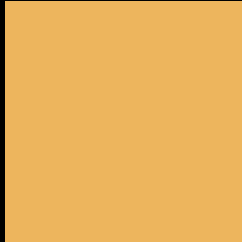
Large Text (above 18pt) WCAG AA × Fail

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 187.7120, 61.6240, -15.4960 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 187.7120, 61.6240, -15.4960

Background



This preview shows how black text looks on a background with the YIQ color 187.7120, 61.6240, -15.4960.



This preview shows how white text looks on a background with the YIQ color 187.7120, 61.6240, -15.4960.

-15.4960.

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

187.7120, 61.6240, -15.4960

Protanopia

186.1500, 42.4150, -25.3050

Deuteranopia

187.7010, 60.1570, -16.4430



Tritanopia

194.3090, 39.3350, 19.5190

Trichromacy



Original Color

187.7120, 61.6240, -15.4960

Protanomaly

186.3790, 49.2000, -21.6160

Deuteranomaly

188.0000, 60.7530, -16.2310

Tritanomaly

191.9980, 47.0400, 6.5280

Monochromacy



Original Color

187.7120, 61.6240, -15.4960

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6310, 22.7880, -5.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7120, 61.6240, -15.4960 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(237, 181, 93)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 93)  
}
```

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(237, 181, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 93) }
```

Border

The CSS property to change the border of an element to YIQ 187.7120, 61.6240, -15.4960 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(237, 181, 93) }
```


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

```
.border{ border-color:rgb(237, 181, 93) }
```

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

Here you see how a box with a 4 pixel rgb(237, 181, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 181, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 181, 93);  
box-shadow:4px 4px 4px 4px rgb(237, 181,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7120, 61.6240, -15.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 93) }
```

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

```
.background{ background-color: rgb(237,  
181, 93) }
```

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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