

Converting Colors

YIQ(136.4120, 90.2730, 21.4810)

Have a look what the booklet for
YIQ(136.4120, 90.2730, 21.4810)
contains.

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Color

**YIQ(136.4120, 90.2730,
21.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6249
RGB	236, 98, 73
RGB Percent	93%, 38%, 29%
CMY	0.0742, 0.6159, 0.7133
CMYK	0.00, 0.59, 0.69, 0.07
HSL	9°, 81%, 61%
HSV	9°, 69%, 93%
XYZ	40.1866, 27.0533, 9.4238
YIQ	136.4120, 90.2730, 21.4810

Conversions

Conversions Part 2

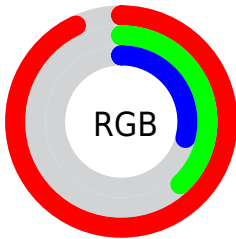
Format	Color
R _Y B	236, 103, 73
Decimal	15491657
CIE Lab	59.02, 51.90, 40.88
CIE LCh	59, 66.067, 38.230
Yxy	27.0533, 0.5242, 0.3529
Android (android.graphics.Color)	4293681737 (0xFFEC6249)
YUV	136.4120, -31.2621, 87.3387
Hunter-Lab	52.0128, 46.8918, 25.6666

Details

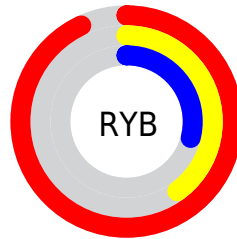
The YIQ color **136.4120, 90.2730, 21.4810** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **172.5880, -90.2730, -21.4810**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0780, 70.4220, 12.2940**, and **79.4590, 82.8910, 23.1070** is the 20% darker color. If you saturate the color by 10%, you get **121.9360, 103.4770, 24.4770**, and if you desaturate by 10%, it is **150.8880, 77.0690, 18.4850**.

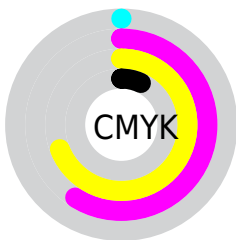
Distribution



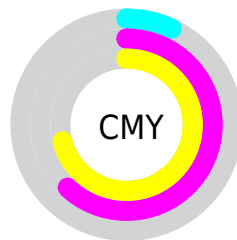
- Red (93%)
- Green (38%)
- Blue (29%)



- Red (93%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4120, 90.2730, 21.4810 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 136.4120, 90.2730, 21.4810 by changing the saturation by 10% instead.

136.4120, 90.2730,
21.4810

136.4120, 90.2730,
21.4810

255.0000, -0.0000,
-0.0000

108.6720, 86.6050,
21.8770

180.0780, 70.4220,
12.2940

79.4590, 82.8910,
23.1070

199.4780, 54.3760,
5.7360

43.8000, 83.6690,
31.0370

218.9920, 38.0090,
-0.5110

33.4880, 66.7520,
23.7440

239.6800, 21.0920,
-7.8040

24.5180, 48.8720,
17.3840

252.3780, 7.3830,
-7.1530

16.9720, 32.7340,
12.4940

3.5880, 7.1520,

2.5440

■ 0.0000, 0.0000,
0.0000

■ 136.4120, 90.2730,
21.4810

■ 136.4120, 90.2730,
21.4810

■ 121.9360,
103.4770, 24.4770

■ 150.8880, 77.0690,
18.4850

■ 107.5740,
116.3600, 27.7840

■ 165.2500, 64.1860,
15.1780

■ 93.0980, 129.5640,
30.7800

■ 179.7260, 50.9820,
12.1820

■ 91.6960, 130.7560,
31.2040

■ 194.2020, 37.7780,
9.1860

■ 208.5640, 24.8950,
5.8790

■ 223.0400, 11.6910,
2.8830

■ 237.4020, -1.1920,
-0.4240

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



135.9810, 82.3820, 48.8620



136.4120, 90.2730, 21.4810



135.4060, 80.1010, -14.4510

Triad

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



136.4120, 90.2730, 21.4810



108.3860, -76.4660, -56.9620



113.5980, -121.4550, 3.9930

Complementary

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



136.4120, 90.2730, 21.4810



172.5880, -90.2730, -21.4810

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.



122.4200, -124.2500, -5.9300



136.4120, 90.2730, 21.4810



117.1010, -96.8720, -39.5600

Square

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



136.4120, 90.2730, 21.4810



124.8140, -1.4580, -50.6900



122.3110, -114.2980, -21.0980



145.5650, -10.0950, 45.3050

Rectangle

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



136.4120, 90.2730, 21.4810



132.7330, 65.1580, -35.4980



122.3110, -114.2980, -21.0980



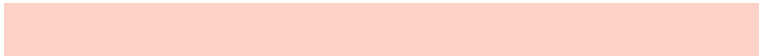
117.1200, -123.1050, 0.8550

Sweetspot

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



136.4120, 90.2730, 21.4810



222.4290, 29.7090, 6.7410



137.5830, 52.5290, 77.7850



107.9160, 17.9720, 4.6920



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.



136.4120, 90.2730, 21.4810



125.7590, 117.2770, 27.6850



183.9590, 67.9980, -20.8820



109.8760, 6.2810, 1.8090



70.5550, 100.1760, 23.7280



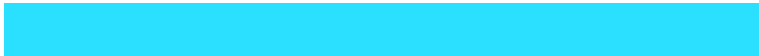
20.8420, 29.9840, 7.2640

Inverse Universe

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



172.5880, -90.2730, -21.4810



172.8280, -117.5520, -28.2080



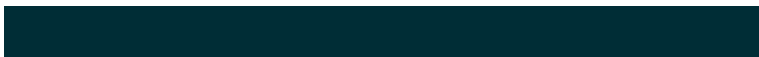
125.0410, -67.9980, 20.8820



113.1240, -6.2810, -1.8090



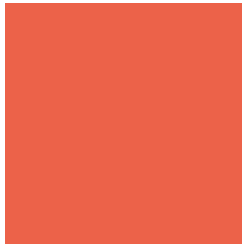
110.4450, -100.1760, -23.7280



32.5710, -29.7090, -6.7410

Previews

White Background



This preview shows how the YIQ color 136.4120, 90.2730, 21.4810 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4120, 90.2730, 21.4810 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 × Fail

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

YIQ 136.4120, 90.2730, 21.4810

Background



This preview shows how black text looks on a background with the YIQ color 136.4120, 90.2730, 21.4810.



This preview shows how white text looks on a background with the YIQ color 136.4120, 90.2730,

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

136.4120, 90.2730, 21.4810

Protanopia

139.8450, 24.7610, -13.7270

Deuteranopia

139.8660, 46.6310, -13.6010



Tritanopia

137.4410, 83.3020, 32.1820

Trichromacy



Original Color

136.4120, 90.2730, 21.4810

Protanomaly

138.4400, 48.3710, -1.0770

Deuteranomaly

138.5680, 62.6300, -0.6820

Tritanomaly

136.8880, 86.2370, 28.5490

Monochromacy



Original Color

136.4120, 90.2730, 21.4810

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.9240, 32.6890, 7.8010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4120, 90.2730, 21.4810 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(236, 98, 73)` looks like.

```
.text, #text, p{  
    color:rgb(236, 98, 73)  
}
```

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(236, 98, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 98, 73) }
```

Border

The CSS property to change the border of an element to YIQ 136.4120, 90.2730, 21.4810 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(236, 98, 73) }
```


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

```
.border{ border-color:rgb(236, 98, 73) }
```

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

Here you see how a box with a 4 pixel rgb(236, 98, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 98, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 98, 73);  
box-shadow:4px 4px 4px 4px rgb(236, 98,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4120, 90.2730, 21.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 98, 73) }
```

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

```
.background{ background-color: rgb(236, 98,  
73) }
```

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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