

Converting Colors

YIQ(142.0140, 85.6420, 22.8100)

Have a look what the booklet for
YIQ(142.0140, 85.6420, 22.8100)
contains.

YIQ(142.0140, 85.6420, 22.8100)	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(142.0140, 85.6420,
22.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6856
RGB	238, 104, 86
RGB Percent	93%, 41%, 34%
CMY	0.0664, 0.5923, 0.6624
CMYK	0.00, 0.56, 0.64, 0.07
HSL	7°, 82%, 64%
HSV	7°, 64%, 93%
XYZ	41.9142, 28.7533, 12.1640
YIQ	142.0140, 85.6420, 22.8100

Conversions

Conversions Part 2

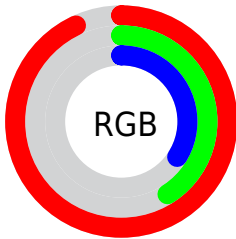
Format	Color
R_{YB}	238, 106, 86
Decimal	15624278
CIE _{Lab}	60.56, 50.56, 35.68
CIE _{LCh}	61, 61.886, 35.209
Yxy	28.7533, 0.5060, 0.3471
Android (android.graphics.Color)	4293814358 (0xFFEE6856)
YUV	142.0140, -27.6149, 84.1797
Hunter-Lab	53.6221, 45.6874, 24.0858

Details

The YIQ color **142.0140, 85.6420, 22.8100** 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 **181.9860, -85.6420, -22.8100**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.0820, 64.5990, 13.1990**, and **85.9470, 78.5810, 24.1250** is the 20% darker color. If you saturate the color by 10%, you get **126.9510, 99.1210, 26.3290**, and if you desaturate by 10%, it is **157.0770, 72.1630, 19.2910**.

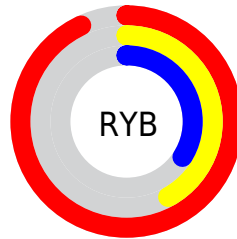
Distribution



Red (93%)

Green (41%)

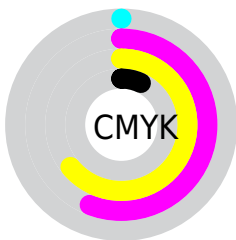
Blue (34%)



Red (93%)

Yellow (42%)

Blue (34%)

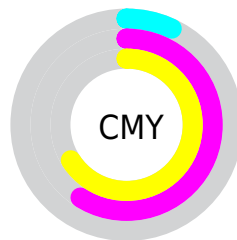


Cyan (0%)

Magenta (56%)

Yellow (64%)

Black (7%)



Cyan (7%)


Magenta (59%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.0140, 85.6420, 22.8100 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 142.0140, 85.6420, 22.8100 by changing the saturation by 10% instead.


 142.0140, 85.6420,
22.8100


 142.0140, 85.6420,
22.8100


255.0000, -0.0000,
-0.0000


 114.1600, 82.2950,
22.8950


 185.0820, 64.5990,
13.1990


 85.9470, 78.5810,
24.1250


 204.5960, 48.2320,
6.9520


 54.6250, 76.7920,
29.0160


 224.1100, 31.8650,
0.7050

 34.6840, 69.1360,
24.5920

 244.9120, 14.6270,
-6.2770

 25.7140, 51.2560,
18.2320

 253.9740, 2.8890,
-2.7990

 17.8690, 34.5220,
13.1300

 6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 142.0140, 85.6420,
22.8100

■ 142.0140, 85.6420,
22.8100

■ 126.9510, 99.1210,
26.3290

■ 157.0770, 72.1630,
19.2910

■ 111.8880,
112.6000, 29.8480

■ 172.1400, 58.6840,
15.7720

■ 96.9390, 125.7580,
33.6780

■ 187.2030, 45.2050,
12.2530

■ 87.5980, 134.1480,
35.8120

■ 202.1520, 32.0470,
8.4230

■ 217.2150, 18.5680,
4.9040

■ 232.2780, 5.0890,
1.3850

■ 247.3410, -8.3900,
-2.1340

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



142.8060, 75.5050, 46.8410



142.0140, 85.6420, 22.8100



141.2410, 76.4320, -8.5280

Triad

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



142.0140, 85.6420, 22.8100



110.3750, -77.9330, -57.9090



116.5330, -122.8300, 1.3780

Complementary

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



142.0140, 85.6420, 22.8100



181.9860, -85.6420, -22.8100

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.



124.1980, -123.7450, -9.5770



142.0140, 85.6420, 22.8100



118.5200, -96.7340, -42.0620

Square

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



142.0140, 85.6420, 22.8100



132.2710, 4.6850, -46.3790



124.0890, -113.7930, -24.7450



149.2930, -15.3210, 40.8950

Rectangle

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



142.0140, 85.6420, 22.8100



138.6930, 62.6350, -28.3170



124.0890, -113.7930, -24.7450



120.0550, -124.4800, -1.7600

Sweetspot

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



142.0140, 85.6420, 22.8100



224.2870, 27.2330, 7.5610



146.7240, 47.5780, 73.8980



109.3180, 16.7800, 4.2680



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.



142.0140, 85.6420, 22.8100



131.1050, 110.4910, 29.5230



186.6260, 64.7420, -16.9380



112.1750, 6.8770, 2.0210



67.9300, 103.6140, 27.5020



20.8530, 31.4510, 8.2110

Inverse Universe

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



181.9860, -85.6420, -22.8100



182.8950, -110.4910, -29.5230



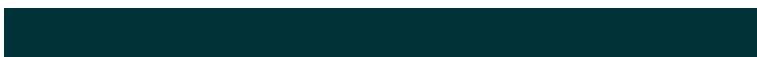
137.3740, -64.7420, 16.9380



115.2380, -6.6020, -1.4980



116.0700, -103.6140, -27.5020



35.7340, -31.7260, -8.7340

Previews

White Background



This preview shows how the YIQ color 142.0140, 85.6420, 22.8100 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 142.0140, 85.6420, 22.8100 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 142.0140, 85.6420, 22.8100

Background



This preview shows how black text looks on a background with the YIQ color 142.0140, 85.6420, 22.8100.



This preview shows how white text looks on a background with the YIQ color 142.0140, 85.6420,

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

142.0140, 85.6420, 22.8100

Protanopia

144.5720, 21.2760, -11.1400

Deuteranopia

144.7070, 42.8250, -10.7030



Tritanopia

143.0600, 80.0010, 31.4330

Trichromacy



Original Color

142.0140, 85.6420, 22.8100

Protanomaly

143.7540, 44.6110, 0.9870

Deuteranomaly

143.6970, 57.9530, 1.4810

Tritanomaly

142.7350, 82.2940, 28.4220

Monochromacy



Original Color

142.0140, 85.6420, 22.8100

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.9670, 31.1300, 8.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0140, 85.6420, 22.8100 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(238, 104, 86)` looks like.

```
.text, #text, p{  
    color:rgb(238, 104, 86)  
}
```

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(238, 104, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 104, 86) }
```

Border

The CSS property to change the border of an element to YIQ 142.0140, 85.6420, 22.8100 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(238, 104, 86) }
```


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

```
.border{ border-color:rgb(238, 104, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 104, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 104, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 104, 86);  
box-shadow:4px 4px 4px 4px rgb(238, 104,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0140, 85.6420, 22.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 104, 86) }
```

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

```
.background{ background-color: rgb(238,  
104, 86) }
```

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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