

Converting Colors

YIQ(126.9200, 83.2110, 28.3230)

Have a look what the booklet for
YIQ(126.9200, 83.2110, 28.3230)
contains.

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Color

**YIQ(126.9200, 83.2110,
28.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	E05653
RGB	224, 86, 83
RGB Percent	88%, 34%, 33%
CMY	0.1212, 0.6629, 0.6742
CMYK	0.00, 0.62, 0.63, 0.12
HSL	1°, 70%, 60%
HSV	1°, 63%, 88%
XYZ	35.6541, 23.1328, 10.7867
YIQ	126.9200, 83.2110, 28.3230

Conversions

Conversions Part 2

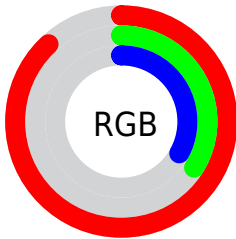
Format	Color
R_{YB}	224, 86, 83
Decimal	14702163
CIE _{Lab}	55.21, 53.67, 30.23
CIE _{LCh}	55, 61.596, 29.394
Yxy	23.1328, 0.5125, 0.3325
Android (android.graphics.Color)	4292892243 (0xFFE05653)
YUV	126.9200, -21.6526, 85.1392
Hunter-Lab	48.0965, 48.1535, 20.3705

Details

The YIQ color **126.9200, 83.2110, 28.3230** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **180.0800, -83.2110, -28.3230**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.1740, 70.5120, 21.6800**, and **68.0320, 77.2040, 32.5640** is the 20% darker color. If you saturate the color by 10%, you get **111.4980, 96.3230, 32.9870**, and if you desaturate by 10%, it is **142.3420, 70.0990, 23.6590**.

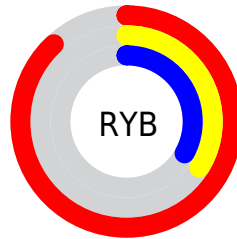
Distribution



Red (88%)

Green (34%)

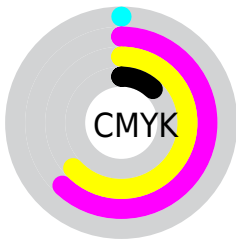
Blue (33%)



Red (88%)

Yellow (34%)

Blue (33%)

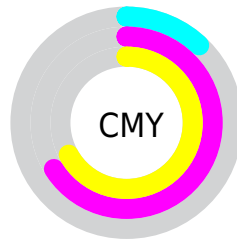


Cyan (0%)

Magenta (62%)

Yellow (63%)

Black (12%)



Cyan (12%)


Magenta (66%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.9200, 83.2110, 28.3230 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 126.9200, 83.2110, 28.3230 by changing the saturation by 10% instead.


 126.9200, 83.2110,
28.3230


 126.9200, 83.2110,
28.3230


255.0000, -0.0000,
-0.0000


 98.5930, 79.8180,
29.2420


 174.1740, 70.5120,
21.6800


 68.0320, 77.2040,
32.5640


 193.5740, 54.4660,
15.1220


 41.5200, 72.8940,
33.5820


 213.0880, 38.0990,
8.8750

 30.7970, 61.3880,
21.8360

 233.3030, 21.1360,
2.4160


 21.8270, 43.5080,
15.4760


 253.5180, 4.1730,
-4.0430


 13.5690, 26.4990,
9.8510


 0.0000, 0.0000,


0.0000


 126.9200, 83.2110,
28.3230


 126.9200, 83.2110,
28.3230


 111.4980, 96.3230,
32.9870


 142.3420, 70.0990,
23.6590


 95.9620, 109.7560,
37.3400


 157.8780, 56.6660,
19.3060


 80.5400, 122.8680,
42.0040

 173.3000, 43.5540,
14.6420

 69.9110, 132.1290,
44.8730

 188.8360, 30.1210,
10.2890

 204.2580, 17.0090,
5.6250

 219.7940, 3.5760,
1.2720

■ 235.2160, -9.5360,
-3.3920

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



128.5650, 68.9940, 49.2020



126.9200, 83.2110, 28.3230



127.3000, 77.9440, -2.8880

Triad

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



126.9200, 83.2110, 28.3230



98.3610, -66.1500, -56.6940



108.8390, -114.9440, 1.6320

Complementary

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



126.9200, 83.2110, 28.3230



180.0800, -83.2110, -28.3230

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.



114.1730, -113.4290, -9.3090



126.9200, 83.2110, 28.3230



106.8650, -84.5840, -41.9920

Square

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



126.9200, 83.2110, 28.3230



118.9580, 15.8720, -45.3760



112.4340, -101.6430, -24.6750



133.3020, -28.7080, 35.7080

Rectangle

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



126.9200, 83.2110, 28.3230



124.6830, 68.5950, -26.1970



112.4340, -101.6430, -24.6750



111.5460, -115.6770, -1.6050

Sweetspot

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



126.9200, 83.2110, 28.3230



221.9390, 28.3330, 9.6530



141.0050, 39.4170, 73.1210



107.5570, 17.6050, 5.8370



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.



126.9200, 83.2110, 28.3230



121.3540, 114.5240, 39.0360



168.0100, 63.9610, -8.2870



104.2890, 6.5560, 2.3320



54.9720, 103.7960, 35.2200



14.9390, 28.3330, 9.6530

Inverse Universe

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



180.0800, -83.2110, -28.3230



194.6460, -114.5240, -39.0360



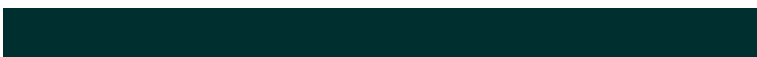
138.9900, -63.9610, 8.2870



108.7110, -6.5560, -2.3320



121.0280, -103.7960, -35.2200



33.0610, -28.3330, -9.6530

Previews

White Background



This preview shows how the YIQ color 126.9200, 83.2110, 28.3230 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 126.9200, 83.2110, 28.3230 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 126.9200, 83.2110, 28.3230

Background



This preview shows how black text looks on a background with the YIQ color 126.9200, 83.2110, 28.3230.



This preview shows how white text looks on a background with the YIQ color 126.9200, 83.2110,

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

126.9200, 83.2110, 28.3230

Protanopia

131.5700, 15.5900, -7.2100

Deuteranopia

131.6510, 37.2310, -8.4410



Tritanopia

127.1310, 81.2390, 31.0230

Trichromacy



Original Color

126.9200, 83.2110, 28.3230

Protanomaly

129.7630, 40.3920, 5.8640

Deuteranomaly

130.0650, 54.1010, 5.2130

Tritanomaly

126.7890, 82.2020, 30.0900

Monochromacy



Original Color

126.9200, 83.2110, 28.3230

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8360, 30.1210, 10.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.9200, 83.2110, 28.3230 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(224, 86, 83)` looks like.

```
.text, #text, p{  
    color:rgb(224, 86, 83)  
}
```

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(224, 86, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 86, 83) }
```

Border

The CSS property to change the border of an element to YIQ 126.9200, 83.2110, 28.3230 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(224, 86, 83) }
```


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

```
.border{ border-color:rgb(224, 86, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 86, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 86, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 86, 83);  
box-shadow:4px 4px 4px 4px rgb(224, 86,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 126.9200, 83.2110, 28.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 86, 83) }
```

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

```
.background{ background-color: rgb(224, 86,  
83) }
```

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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