

Converting Colors

YIQ(132.9040, 80.1400, 23.4040)

Have a look what the booklet for
YIQ(132.9040, 80.1400, 23.4040)
contains.

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Color

**YIQ(132.9040, 80.1400,
23.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	E06054
RGB	224, 96, 84
RGB Percent	88%, 38%, 33%
CMY	0.1213, 0.6237, 0.6703
CMYK	0.00, 0.57, 0.62, 0.12
HSL	5°, 69%, 60%
HSV	5°, 62%, 88%
XYZ	36.5454, 24.8567, 11.2763
YIQ	132.9040, 80.1400, 23.4040

Conversions

Conversions Part 2

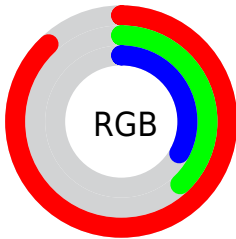
Format	Color
R_{YB}	224, 97, 84
Decimal	14704724
CIE _{Lab}	56.94, 49.20, 31.83
CIE _{LCh}	57, 58.601, 32.898
Yxy	24.8567, 0.5028, 0.3420
Android (android.graphics.Color)	4292894804 (0xFFE06054)
YUV	132.9040, -24.1097, 79.8912
Hunter-Lab	49.8565, 43.5937, 21.4896

Details

The YIQ color **132.9040, 80.1400, 23.4040** 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 **175.0960, -80.1400, -23.4040**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5710, 67.7160, 17.2840**, and **77.1360, 73.6750, 24.9310** is the 20% darker color. If you saturate the color by 10%, you get **118.0690, 92.9770, 27.5450**, and if you desaturate by 10%, it is **147.1520, 67.5780, 19.7860**.

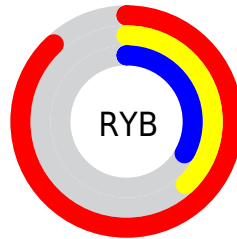
Distribution



Red (88%)

Green (38%)

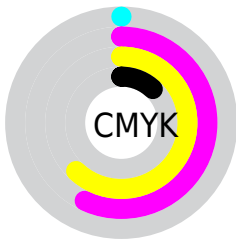
Blue (33%)



Red (88%)

Yellow (38%)

Blue (33%)

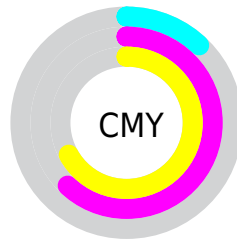


Cyan (0%)

Magenta (57%)

Yellow (62%)

Black (12%)



Cyan (12%)


Magenta (62%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.9040, 80.1400, 23.4040 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 132.9040, 80.1400, 23.4040 by changing the saturation by 10% instead.

 132.9040, 80.1400,
23.4040


 132.9040, 80.1400,
23.4040


255.0000, -0.0000,
-0.0000


 105.1640, 76.4720,
23.8000


 179.5710, 67.7160,
17.2840


 77.2500, 73.3540,
25.2420


 198.9710, 51.6700,
10.7260


 43.5800, 72.6650,
32.2250


 219.0720, 35.0280,
3.9560

 30.7970, 61.3880,
21.8360

 239.2870, 18.0650,
-2.5030

 22.1260, 44.1040,
15.6880

 253.7460, 3.5310,
-3.4210

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 132.9040, 80.1400,
23.4040

■ 132.9040, 80.1400,
23.4040

■ 118.0690, 92.9770,
27.5450

■ 147.1520, 67.5780,
19.7860

■ 103.7070,
105.8600, 30.8520

■ 162.1010, 54.4200,
15.9560

■ 88.8720, 118.6970,
34.9930

■ 176.3490, 41.8580,
12.3380

■ 78.1290, 128.2790,
37.5510

■ 191.2980, 28.7000,
8.5080

■ 205.5460, 16.1380,
4.8900

■ 220.4950, 2.9800,
1.0600

■ 235.3300, -9.8570,
-3.0810

■ 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.



134.2180, 68.3530, 44.2970



132.9040, 80.1400, 23.4040



132.3810, 73.2220, -5.4180

Triad

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



132.9040, 80.1400, 23.4040



102.1910, -71.4230, -54.7430



110.0130, -115.4940, 0.5860

Complementary

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



132.9040, 80.1400, 23.4040



175.0960, -80.1400, -23.4040

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.



116.2760, -115.2170, -9.9450



132.9040, 80.1400, 23.4040



110.4670, -89.2150, -40.6630

Square

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



132.9040, 80.1400, 23.4040



123.9450, 8.7190, -42.3930



115.6940, -105.3110, -24.2790



139.5050, -19.0340, 36.5980

Rectangle

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



132.9040, 80.1400, 23.4040



130.5450, 60.2960, -24.4720



115.6940, -105.3110, -24.2790



112.8340, -116.5480, -2.3400

Sweetspot

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



132.9040, 80.1400, 23.4040



223.7000, 27.5080, 8.0840



140.4520, 42.3520, 69.4880



108.7310, 17.0550, 4.7910



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.



132.9040, 80.1400, 23.4040



130.5010, 109.4360, 32.1240



173.9940, 60.8900, -13.2060



104.8760, 6.2810, 1.8090



61.4290, 100.7710, 29.4670



16.7000, 27.5080, 8.0840

Inverse Universe

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



175.0960, -80.1400, -23.4040



188.4990, -109.4360, -32.1240



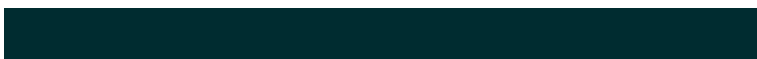
134.0060, -60.8900, 13.2060



108.1240, -6.2810, -1.8090



114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Previews

White Background



This preview shows how the YIQ color 132.9040, 80.1400, 23.4040 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 132.9040, 80.1400, 23.4040 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 132.9040, 80.1400, 23.4040

Background



This preview shows how black text looks on a background with the YIQ color 132.9040, 80.1400, 23.4040.



This preview shows how white text looks on a background with the YIQ color 132.9040, 80.1400,

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

132.9040, 80.1400, 23.4040

Protanopia

135.7720, 17.8370, -9.3870

Deuteranopia

135.7220, 38.4690, -8.8510



Tritanopia

133.8530, 76.1500, 29.6380

Trichromacy



Original Color

132.9040, 80.1400, 23.4040

Protanomaly

134.6550, 40.5760, 2.5280

Deuteranomaly

134.5980, 53.9180, 3.0220

Tritanomaly

133.7560, 77.8010, 27.2490

Monochromacy



Original Color

132.9040, 80.1400, 23.4040

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1840, 29.0210, 8.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9040, 80.1400, 23.4040 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, 96, 84)` looks like.

```
.text, #text, p{  
    color:rgb(224, 96, 84)  
}
```

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, 96, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 96, 84) }
```

Border

The CSS property to change the border of an element to YIQ 132.9040, 80.1400, 23.4040 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, 96, 84) }
```


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

```
.border{ border-color:rgb(224, 96, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 96, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 96, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 96, 84);  
box-shadow:4px 4px 4px 4px rgb(224, 96,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 132.9040, 80.1400, 23.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 96, 84) }
```

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

```
.background{ background-color: rgb(224, 96,  
84) }
```

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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