

Converting Colors

YIQ(131.0760, 64.7360, 16.2240)

Have a look what the booklet for
YIQ(131.0760, 64.7360, 16.2240)
contains.

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Color

**YIQ(131.0760, 64.7360,
16.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6757
RGB	203, 103, 87
RGB Percent	80%, 40%, 34%
CMY	0.2037, 0.5962, 0.6586
CMYK	0.00, 0.49, 0.57, 0.20
HSL	8°, 53%, 57%
HSV	8°, 57%, 80%
XYZ	31.2136, 23.0860, 11.8425
YIQ	131.0760, 64.7360, 16.2240

Conversions

Conversions Part 2

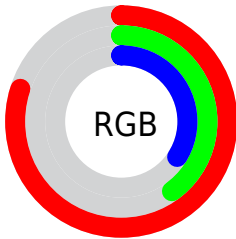
Format	Color
R_{YB}	203, 106, 87
Decimal	13330263
CIE Lab	55.16, 38.23, 27.22
CIE LCh	55, 46.936, 35.451
Yxy	23.0860, 0.4719, 0.3490
Android (android.graphics.Color)	4291520343 (0xFFCB6757)
YUV	131.0760, -21.7295, 63.0773
Hunter-Lab	48.0479, 31.8759, 19.0202

Details

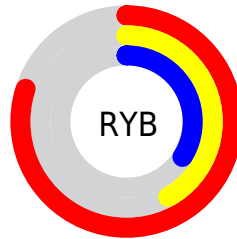
The YIQ color **131.0760, 64.7360, 16.2240** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **158.9240, -64.7360, -16.2240**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4350, 65.1030, 15.0790**, and **78.2540, 58.3630, 16.0830** is the 20% darker color. If you saturate the color by 10%, you get **118.2300, 76.1060, 19.4180**, and if you desaturate by 10%, it is **143.3350, 53.6410, 13.5530**.

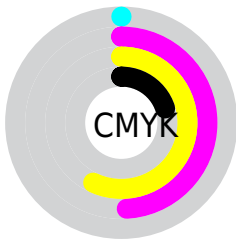
Distribution



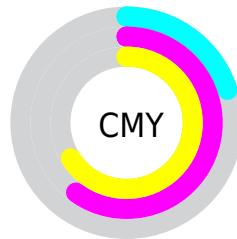
- Red (80%)
- Green (40%)
- Blue (34%)



- Red (80%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (49%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.0760, 64.7360, 16.2240 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 131.0760, 64.7360, 16.2240 by changing the saturation by 10% instead.

131.0760, 64.7360,
16.2240

131.0760, 64.7360,
16.2240

255.0000, -0.0000,
-0.0000

104.2220, 61.3890,
16.3090

183.4350, 65.1030,
15.0790

78.2540, 58.3630,
16.0830

202.2480, 49.3320,
9.0440

51.9270, 54.9700,
17.0020

222.4630, 32.3690,
2.5850

26.3120, 52.4480,
18.6560

242.0910, 15.6810,
-3.3510

17.9400, 35.7600,
12.7200

254.0880, 2.5680,
-2.4880

9.3830, 18.1550,
6.8830

0.0000, 0.0000,

0.0000

■ 131.0760, 64.7360,
16.2240

■ 131.0760, 64.7360,
16.2240

■ 118.2300, 76.1060,
19.4180

■ 143.3350, 53.6410,
13.5530

■ 105.8570, 87.5220,
21.7780

■ 156.2950, 41.9500,
10.6700

■ 93.0110, 98.8920,
24.9720

■ 169.1410, 30.5800,
7.4760

■ 80.7520, 109.9870,
27.6430

■ 181.4000, 19.4850,
4.8050

■ 77.1330, 113.2880,
28.3920

■ 194.3600, 7.7940,
1.9220

■ 206.6190, -3.3010,
-0.7490

■ 219.4650,
-14.6710, -3.9430

■ 231.8380,
-26.0870, -6.3030

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



132.6090, 56.5260, 32.8620



131.0760, 64.7360, 16.2240



130.1820, 57.7250, -5.4030

Triad

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



131.0760, 64.7360, 16.2240



111.9650, -46.7590, -39.1670



123.2720, -64.6950, 10.5770

Complementary

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



131.0760, 64.7360, 16.2240



158.9240, -64.7360, -16.2240

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.



108.4850, -105.6800, -12.0800



131.0760, 64.7360, 16.2240



104.9560, -86.0980, -36.5780

Square

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



131.0760, 64.7360, 16.2240



122.4040, 3.3530, -33.2470



108.9290, -98.6630, -23.6150



135.0080, -10.5050, 30.7030

Rectangle

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



131.0760, 64.7360, 16.2240



128.3340, 45.0730, -18.4070



108.9290, -98.6630, -23.6150



105.5870, -105.7270, -5.7190

Sweetspot

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



131.0760, 64.7360, 16.2240



228.3790, 23.9780, 5.9780



133.1980, 36.7150, 56.0030



111.5350, 14.6710, 3.9430



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.



131.0760, 64.7360, 16.2240



145.7120, 98.2960, 24.7600



165.1220, 48.7860, -14.1100



95.5770, 5.6850, 1.5970



63.1350, 92.6110, 23.1630



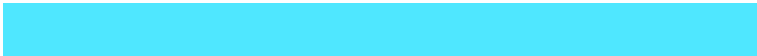
14.2970, 21.2730, 5.4410

Inverse Universe

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



158.9240, -64.7360, -16.2240



188.2880, -98.2960, -24.7600



125.4650, -49.0610, 13.5870



98.4230, -5.6850, -1.5970



102.8650, -92.6110, -23.1630



23.7030, -21.2730, -5.4410

Previews

White Background



This preview shows how the YIQ color 131.0760, 64.7360, 16.2240 looks on a white background.

Color Contrast Check

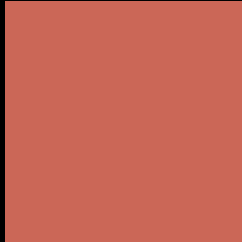
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0760, 64.7360, 16.2240 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 131.0760, 64.7360, 16.2240

Background



This preview shows how black text looks on a background with the YIQ color 131.0760, 64.7360, 16.2240.



This preview shows how white text looks on a background with the YIQ color 131.0760, 64.7360,

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

131.0760, 64.7360, 16.2240

Protanopia

131.2280, 16.5530, -8.1430

Deuteranopia

131.8510, 33.7920, -6.6880



Tritanopia

131.8940, 59.7370, 24.2250

Trichromacy



Original Color

131.0760, 64.7360, 16.2240

Protanomaly

130.8930, 33.9740, 1.0300

Deuteranomaly

131.4660, 45.4820, 1.7220

Tritanomaly

131.6830, 61.7090, 21.5250

Monochromacy



Original Color

131.0760, 64.7360, 16.2240

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.0800, 23.3820, 5.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.0760, 64.7360, 16.2240 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(203, 103, 87)` looks like.

```
.text, #text, p{  
    color:rgb(203, 103, 87)  
}
```

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(203, 103, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 103, 87) }
```

Border

The CSS property to change the border of an element to YIQ 131.0760, 64.7360, 16.2240 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(203, 103, 87) }
```


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

```
.border{ border-color:rgb(203, 103, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 103, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 103, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 103, 87);  
box-shadow:4px 4px 4px 4px rgb(203, 103,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 131.0760, 64.7360, 16.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 103, 87) }
```

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

```
.background{ background-color: rgb(203,  
103, 87) }
```

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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