

Converting Colors

YIQ(130.1660, -14.1260,
24.7380)

Have a look what the booklet for
YIQ(130.1660, -14.1260, 24.7380)
contains.

YIQ(130.1660, -14.1260, 24.7380)	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(130.1660, -14.1260,
24.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	8476BC
RGB	132, 118, 188
RGB Percent	52%, 46%, 74%
CMY	0.4823, 0.5373, 0.2629
CMYK	0.30, 0.37, 0.00, 0.26
HSL	252°, 34%, 60%
HSV	252°, 37%, 74%
XYZ	25.0706, 21.4923, 50.3881
YIQ	130.1660, -14.1260, 24.7380

Conversions

Conversions Part 2

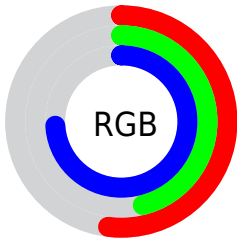
Format	Color
R_{YB}	132, 118, 188
Decimal	8681148
CIE _{Lab}	53.48, 21.16, -34.90
CIE _{LCh}	53, 40.812, 301.230
Yxy	21.4923, 0.2586, 0.2217
Android (android.graphics.Color)	4286871228 (0xFF8476BC)
YUV	130.1660, 28.5122, 1.6084
Hunter-Lab	46.3598, 15.4004, -31.9901

Details

The YIQ color **130.1660, -14.1260, 24.7380** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **175.8340, 14.1260, -24.7380**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.6330, -13.9430, 26.9290**, and **80.2860, -14.5840, 22.0240** is the 20% darker color. If you saturate the color by 10%, you get **114.5280, -17.8410, 31.4950**, and if you desaturate by 10%, it is **145.8040, -10.4110, 17.9810**.

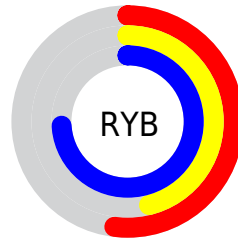
Distribution



Red (52%)

Green (46%)

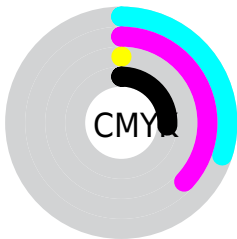
Blue (74%)



Red (52%)

Yellow (46%)

Blue (74%)

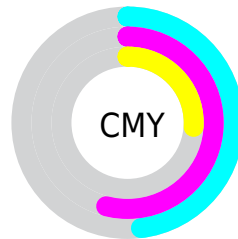


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1660, -14.1260, 24.7380 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 130.1660, -14.1260, 24.7380 by changing the saturation by 10% instead.

■ 130.1660,
-14.1260, 24.7380

■ 130.1660,
-14.1260, 24.7380

■ 255.0000, -0.0000,
-0.0000

■ 104.6390,
-14.0800, 23.9040

■ 183.6330,
-13.9430, 26.9290

■ 80.2860, -14.5840,
22.0240

■ 209.5810, -8.1650,
21.3310

■ 56.4600, -15.1340,
20.9780

■ 234.6880, 1.4190,
12.8350

■ 33.5090, -16.8300,
18.6740

■ 254.4130, 0.2750,
0.5230

■ 9.0250, -18.3430,
18.5610

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 130.1660,
-14.1260, 24.7380

■ 130.1660,
-14.1260, 24.7380

■ 114.5280,
-17.8410, 31.4950

■ 145.8040,
-10.4110, 17.9810

■ 98.8900, -21.5560,
38.2520

■ 161.4420, -6.6960,
11.2240

■ 83.8390, -25.5460,
44.4860

■ 176.4930, -2.7060,
4.9900

■ 68.2010, -29.2610,
51.2430

■ 192.1310, 1.0090,
-1.7670

■ 52.5630, -32.9760,
58.0000

■ 207.7690, 4.7240,
-8.5240

■ 36.9250, -36.6910,
64.7570

■ 223.4070, 8.4390,
-15.2810

■ 32.7940, -37.7000,
66.5240

■ 239.0450, 12.1540,
-22.0380

■ 246.4650, 19.7190,
-21.4730

■ 247.3620, 21.5070,
-20.8370

Harmonies

Analogous

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



119.5020, -59.6510, 7.2690



130.1660, -14.1260, 24.7380



131.5310, 21.6350, 31.9310

Triad

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



130.1660, -14.1260, 24.7380



126.7670, 51.7640, -1.9960



100.2940, -81.2380, -36.5500

Complementary

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



130.1660, -14.1260, 24.7380



175.8340, 14.1260, -24.7380

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.



113.9780, -30.4380, -32.0860



130.1660, -14.1260, 24.7380



124.1850, 35.3070, -17.6290

Square

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



130.1660, -14.1260, 24.7380



127.8840, 56.5290, 16.2810



120.4310, 7.8910, -27.3810



103.6970, -92.1980, -25.1420

Rectangle

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



130.1660, -14.1260, 24.7380



130.2850, 39.8830, 31.6190



120.4310, 7.8910, -27.3810



98.3390, -77.1110, -39.7590

Sweetspot

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



130.1660, -14.1260, 24.7380



222.5730, -5.6870, 9.4570



158.8520, -37.8700, -7.5180



109.0200, -2.7520, 5.8240



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.1660, -14.1260, 24.7380



154.1180, -22.1980, 38.8740



140.6310, 6.7340, 32.1580



86.6240, -1.6970, 3.2230



27.5800, -31.6460, 55.9220



5.3280, -6.3750, 10.9130

Inverse Universe

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



145.3140, 23.7440, 32.2560



177.9220, 37.3120, 50.6880



165.3690, -6.7340, -32.1580



88.4890, 3.1170, 4.0850



61.6060, 53.7220, 72.6820



12.0050, 10.7720, 14.0360

Previews

White Background



This preview shows how the YIQ color 130.1660, -14.1260, 24.7380 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 130.1660, -14.1260, 24.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

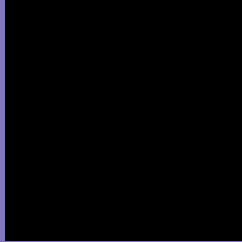
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1660, -14.1260, 24.7380

Background



This preview shows how black text looks on a background with the YIQ color 130.1660, -14.1260, 24.7380.



This preview shows how white text looks on a background with the YIQ color 130.1660, -14.1260,

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

130.1660, -14.1260, 24.7380

Protanopia

127.1740, -34.9400, 16.4840

Deuteranopia

126.8490, -32.6470, 13.4730



Tritanopia

127.3460, -6.7860, 1.8380

Trichromacy



Original Color

130.1660, -14.1260, 24.7380

Protanomaly

128.1750, -27.5130, 19.5510

Deuteranomaly

128.1920, -26.1830, 17.4730

Tritanomaly

128.2460, -9.0800, 10.3760

Monochromacy



Original Color

130.1660, -14.1260, 24.7380

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.3450, -5.0450, 8.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1660, -14.1260, 24.7380 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(132, 118, 188)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 188)  
}
```

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(132, 118, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 188) }
```

Border

The CSS property to change the border of an element to YIQ 130.1660, -14.1260, 24.7380 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(132, 118, 188) }
```


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

```
.border{ border-color:rgb(132, 118, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 188);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1660, -14.1260, 24.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 188) }
```

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

```
.background{ background-color: rgb(132,  
118, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor