

Converting Colors

YIQ(131.5630, 63.3080, 53.1320)

Have a look what the booklet for
YIQ(131.5630, 63.3080, 53.1320)
contains.

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Color

**YIQ(131.5630, 63.3080,
53.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	E15098
RGB	225, 80, 152
RGB Percent	88%, 31%, 60%
CMY	0.1173, 0.6865, 0.4037
CMYK	0.00, 0.64, 0.32, 0.12
HSL	330°, 71%, 60%
HSV	330°, 64%, 88%
XYZ	39.6181, 24.0206, 32.2755
YIQ	131.5630, 63.3080, 53.1320

Conversions

Conversions Part 2

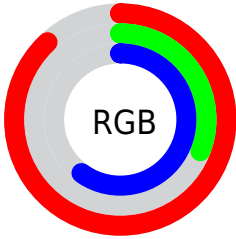
Format	Color
R _Y B	225, 80, 152
Decimal	14766232
CIE Lab	56.11, 62.69, -9.03
CIE LCh	56, 63.333, 351.805
Yxy	24.0206, 0.4131, 0.2504
Android (android.graphics.Color)	4292956312 (0xFFE15098)
YUV	131.5630, 10.0754, 81.9442
Hunter-Lab	49.0108, 58.5225, -4.7372

Details

The YIQ color **131.5630, 63.3080, 53.1320** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **173.4370, -63.3080, -53.1320**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1480, 48.1790, 46.4750**, and **62.9090, 65.6900, 65.0340** is the 20% darker color. If you saturate the color by 10%, you get **116.8080, 73.1640, 61.7400**, and if you desaturate by 10%, it is **145.7310, 53.7270, 45.0470**.

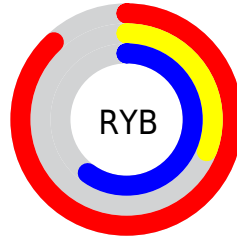
Distribution



Red (88%)

Green (31%)

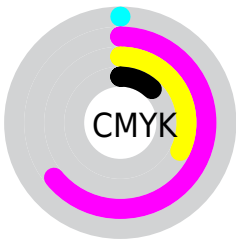
Blue (60%)



Red (88%)

Yellow (31%)

Blue (60%)

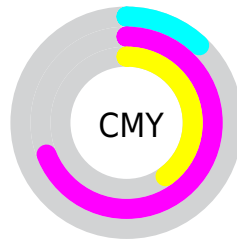


Cyan (0%)

Magenta (64%)

Yellow (32%)

Black (12%)



Cyan (12%)


Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.5630, 63.3080, 53.1320 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 131.5630, 63.3080, 53.1320 by changing the saturation by 10% instead.


 131.5630, 63.3080,
53.1320


 131.5630, 63.3080,
53.1320


255.0000, -0.0000,
-0.0000


 101.4320, 62.2990,
54.8990


 180.1480, 48.1790,
46.4750

 62.9090, 65.6900,
65.0340


 199.7760, 31.4910,
40.5390

 49.7410, 56.9350,
52.9910

 219.1930, 16.7750,
31.9030

 38.4480, 47.0340,
39.6900

 236.8030, 8.5250,
16.2130

 27.6820, 37.0870,
27.2230

253.8260, 0.5500,
1.0460

 17.0580, 29.6160,
13.9360

 2.0930, 4.1720,

1.4840

■ 0.0000, 0.0000,
0.0000

■ 131.5630, 63.3080,
53.1320

■ 131.5630, 63.3080,
53.1320

■ 116.8080, 73.1640,
61.7400

■ 145.7310, 53.7270,
45.0470

■ 102.5260, 83.0660,
69.5140

■ 160.6000, 43.5500,
36.7500

■ 87.7710, 92.9220,
78.1220


■ 174.7680, 33.9690,
28.6650


■ 80.0430, 98.1480,
82.5320


■ 189.5230, 24.1130,
20.0570

■ 203.8050, 14.2110,
12.2830

 218.5600, 4.3550,
3.6750

 233.3150, -5.5010,
-4.9330

 244.6620,
-14.0280, -10.0920

 245.9160,
-17.5590, -6.6710

Harmonies

Analogous

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



138.0430, 17.9180, 49.7420



131.5630, 63.3080, 53.1320



128.5600, 84.5850, 36.4650

Triad

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



131.5630, 63.3080, 53.1320



121.5760, 31.5070, -47.8930



116.6520, -113.5200, -13.1680

Complementary

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



131.5630, 63.3080, 53.1320



173.4370, -63.3080, -53.1320

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.



113.7560, -99.8540, -29.5660



131.5630, 63.3080, 53.1320



111.1060, -34.5150, -51.8190

Square

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



131.5630, 63.3080, 53.1320



126.5750, 68.7790, -29.5330



106.6710, -81.2820, -46.7700



112.9310, -118.1990, 0.0490

Rectangle

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



131.5630, 63.3080, 53.1320



129.0260, 85.3680, 16.7600



106.6710, -81.2820, -46.7700



116.3440, -109.8970, -18.2570

Sweetspot

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



131.5630, 63.3080, 53.1320



224.0880, 20.9040, 17.6400



118.3570, -3.0370, 60.5710



108.6800, 13.0650, 11.0250



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.



131.5630, 63.3080, 53.1320



128.6620, 85.6790, 71.7190



123.3550, 86.4200, 30.7400



104.9730, 4.6300, 4.1980



62.5420, 76.9690, 64.3690



17.0880, 20.9040, 17.6400

Inverse Universe

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



131.5630, 63.3080, 53.1320



128.6620, 85.6790, 71.7190



181.6450, -86.4200, -30.7400



104.9730, 4.6300, 4.1980



62.5420, 76.9690, 64.3690



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 131.5630, 63.3080, 53.1320 looks on a white background.

Color Contrast Check

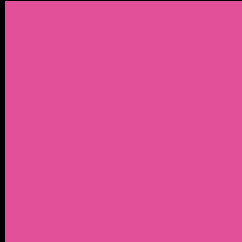
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.5630, 63.3080, 53.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

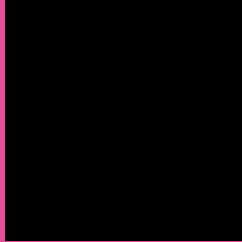
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.5630, 63.3080, 53.1320

Background



This preview shows how black text looks on a background with the YIQ color 131.5630, 63.3080, 53.1320.



This preview shows how white text looks on a background with the YIQ color 131.5630, 63.3080,

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

131.5630, 63.3080, 53.1320

Protanopia

134.7850, -26.5950, 13.9250

Deuteranopia

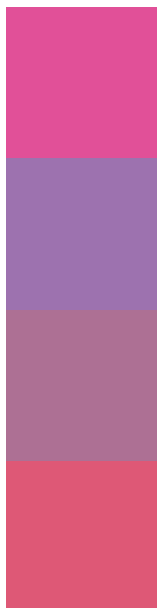
136.4830, 3.2540, 7.1100



Tritanopia

131.9560, 74.3620, 29.0020

Trichromacy



Original Color

131.5630, 63.3080, 53.1320

Protanomaly

133.8110, 6.0470, 28.0870

Deuteranomaly

134.3430, 24.8000, 24.1280

Tritanomaly

131.4860, 70.2340, 37.7380

Monochromacy



Original Color

131.5630, 63.3080, 53.1320

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8110, 23.2420, 19.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.5630, 63.3080, 53.1320 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(225, 80, 152)` looks like.

```
.text, #text, p{  
    color:rgb(225, 80, 152)  
}
```

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(225, 80, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 80, 152) }
```

Border

The CSS property to change the border of an element to YIQ 131.5630, 63.3080, 53.1320 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(225, 80, 152) }
```


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

```
.border{ border-color:rgb(225, 80, 152) }
```

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

Here you see how a box with a 4 pixel rgb(225, 80, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 80, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 80, 152);  
box-shadow:4px 4px 4px 4px rgb(225, 80,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 131.5630, 63.3080, 53.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 80, 152) }
```

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

```
.background{ background-color: rgb(225, 80,  
152) }
```

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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