

Converting Colors

YIQ(131.9520, 62.9900, 36.8620)

Have a look what the booklet for
YIQ(131.9520, 62.9900, 36.8620)
contains.

YIQ(131.9520, 62.9900, 36.8620)	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(131.9520, 62.9900,
36.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	D75B7D
RGB	215, 91, 125
RGB Percent	84%, 36%, 49%
CMY	0.1565, 0.6433, 0.5096
CMYK	0.00, 0.58, 0.42, 0.16
HSL	344°, 61%, 60%
HSV	344°, 58%, 84%
XYZ	35.4900, 23.4147, 22.0701
YIQ	131.9520, 62.9900, 36.8620

Conversions

Conversions Part 2

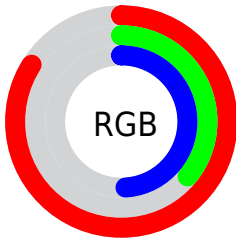
Format	Color
R_{YB}	215, 91, 125
Decimal	14113661
CIE Lab	55.50, 51.87, 5.79
CIE LCh	55, 52.192, 6.366
Yxy	23.4147, 0.4383, 0.2892
Android (android.graphics.Color)	4292303741 (0xFFD75B7D)
YUV	131.9520, -3.4273, 72.8331
Hunter-Lab	48.3887, 46.2378, 6.8299

Details

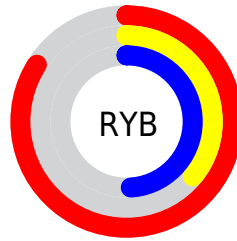
The YIQ color **131.9520, 62.9900, 36.8620** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **174.0480, -62.9900, -36.8620**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.1250, 55.0130, 32.7490**, and **75.2660, 59.2300, 38.9260** is the 20% darker color. If you saturate the color by 10%, you get **117.2140, 74.1760, 43.3920**, and if you desaturate by 10%, it is **146.1030, 52.0790, 30.8550**.

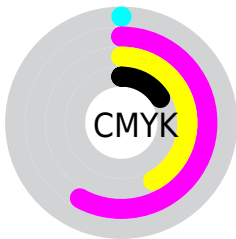
Distribution



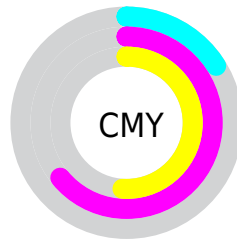
- Red (84%)
- Green (36%)
- Blue (49%)



- Red (84%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.9520, 62.9900, 36.8620 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 131.9520, 62.9900, 36.8620 by changing the saturation by 10% instead.


 131.9520, 62.9900,
36.8620


 131.9520, 62.9900,
36.8620


255.0000, -0.0000,
-0.0000


 104.2830, 60.5600,
36.8480


 182.1250, 55.0130,
32.7490

 75.2660, 59.2300,
38.9260


 201.1660, 38.6000,
27.3360


 44.1290, 58.3580,
43.7180

 221.3810, 21.6370,
20.8770

 33.3630, 48.4110,
31.2510

 240.9120, 6.6000,
12.5520

 22.2550, 39.4270,
17.8510

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 131.9520, 62.9900,
36.8620

■ 131.9520, 62.9900,
36.8620

■ 117.2140, 74.1760,
43.3920

■ 146.1030, 52.0790,
30.8550

■ 103.1770, 84.7660,
49.7100

■ 160.7270, 41.2140,
24.0140

■ 88.4390, 95.9520,
56.2400

■ 174.8780, 30.3030,
18.0070


■ 74.4020, 106.5420,
62.5580


■ 189.5020, 19.4380,
11.1660

■ 71.0110, 109.2010,
63.9290

■ 203.6530, 8.5270,
5.1590

■ 218.3910, -2.6590,
-1.3710

 233.0150,
-13.5240, -8.2120

 242.4700,
-22.2350, -10.0350

 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



135.7980, 34.4250, 42.4330



131.9520, 62.9900, 36.8620



130.8380, 71.3380, 17.7220

Triad

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



131.9520, 62.9900, 36.8620



121.2850, 2.0700, -37.5300



110.7990, -109.4400, -10.0160

Complementary

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



131.9520, 62.9900, 36.8620



174.0480, -62.9900, -36.8620

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.



111.4880, -101.7350, -23.0070



131.9520, 62.9900, 36.8620



102.1470, -68.1230, -48.4670

Square

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



131.9520, 62.9900, 36.8620



126.7860, 40.4440, -28.1320



107.1730, -88.2070, -36.9030



121.1120, -75.9280, 10.4080

Rectangle

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



131.9520, 62.9900, 36.8620



130.2590, 67.9940, 1.2260



107.1730, -88.2070, -36.9030



111.7620, -108.0180, -13.7620

Sweetspot

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



131.9520, 62.9900, 36.8620



226.2250, 21.7760, 12.8480



131.7470, 13.2400, 57.4320



110.5720, 13.2490, 7.6890



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.



131.9520, 62.9900, 36.8620



137.0960, 89.4880, 52.2400



143.9250, 66.4790, 12.1670



99.6310, 5.5930, 3.2650



56.4870, 86.8290, 50.8690



14.2250, 21.7760, 12.8480

Inverse Universe

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



131.9520, 62.9900, 36.8620



137.0960, 89.4880, 52.2400



162.0750, -66.4790, -12.1670



99.6310, 5.5930, 3.2650



56.4870, 86.8290, 50.8690



14.2250, 21.7760, 12.8480

Previews

White Background



This preview shows how the YIQ color 131.9520, 62.9900, 36.8620 looks on a white background.

Color Contrast Check

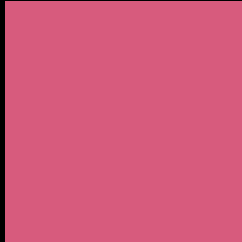
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9520, 62.9900, 36.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

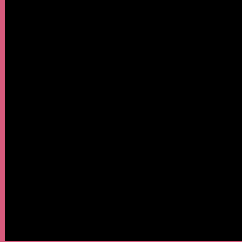
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.9520, 62.9900, 36.8620

Background



This preview shows how black text looks on a background with the YIQ color 131.9520, 62.9900, 36.8620.



This preview shows how white text looks on a background with the YIQ color 131.9520, 62.9900,

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

131.9520, 62.9900, 36.8620

Protanopia

133.6390, -6.0530, 5.0750

Deuteranopia

134.4380, 16.3220, 1.5540



Tritanopia

131.0800, 68.0810, 27.1930

Trichromacy



Original Color

131.9520, 62.9900, 36.8620

Protanomaly

133.0770, 19.4370, 16.6930

Deuteranomaly

133.3250, 33.2380, 14.3740

Tritanomaly

131.7040, 66.3840, 30.4160

Monochromacy



Original Color

131.9520, 62.9900, 36.8620

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8230, 22.9680, 13.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.9520, 62.9900, 36.8620 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(215, 91, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 125)  
}
```

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(215, 91, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 125) }
```

Border

The CSS property to change the border of an element to YIQ 131.9520, 62.9900, 36.8620 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(215, 91, 125) }
```


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

```
.border{ border-color:rgb(215, 91, 125) }
```

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

Here you see how a box with a 4 pixel rgb(215, 91, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 125);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 131.9520, 62.9900, 36.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 125) }
```

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

```
.background{ background-color: rgb(215, 91,  
125) }
```

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