

Converting Colors

YIQ(163.1620, 53.5910, 36.4950)

Have a look what the booklet for
YIQ(163.1620, 53.5910, 36.4950)
contains.

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Color

**YIQ(163.1620, 53.5910,
36.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7DA6
RGB	237, 125, 166
RGB Percent	93%, 49%, 65%
CMY	0.0703, 0.5100, 0.3488
CMYK	0.00, 0.47, 0.30, 0.07
HSL	338°, 76%, 71%
HSV	338°, 47%, 93%
XYZ	49.1648, 35.4276, 40.3455
YIQ	163.1620, 53.5910, 36.4950

Conversions

Conversions Part 2

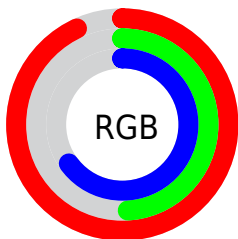
Format	Color
R_{YB}	237, 125, 166
Decimal	15564198
CIE _{Lab}	66.08, 47.57, -2.13
CIE _{LCh}	66, 47.621, 357.432
Yxy	35.4276, 0.3935, 0.2836
Android (android.graphics.Color)	4293754278 (0xFFED7DA6)
YUV	163.1620, 1.3991, 64.7559
Hunter-Lab	59.5211, 43.2803, 1.4758

Details

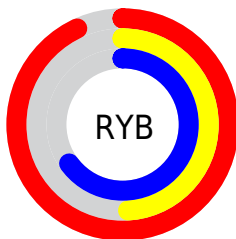
The YIQ color **163.1620, 53.5910, 36.4950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **198.8380, -53.5910, -36.4950**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.0990, 31.5390, 28.6510**, and **108.4820, 49.6940, 35.5340** is the 20% darker color. If you saturate the color by 10%, you get **147.3640, 65.0060, 44.3820**, and if you desaturate by 10%, it is **178.9600, 42.1760, 28.6080**.

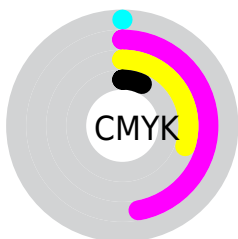
Distribution



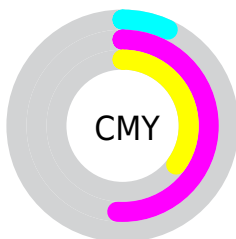
- Red (93%)
- Green (49%)
- Blue (65%)



- Red (93%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (47%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.1620, 53.5910, 36.4950 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 163.1620, 53.5910, 36.4950 by changing the saturation by 10% instead.


 163.1620, 53.5910,
36.4950


 163.1620, 53.5910,
36.4950


255.0000, -0.0000,
-0.0000


 135.3790, 51.4820,
36.1700


 207.0990, 31.5390,
28.6510


 108.4820, 49.6940,
35.5340


 226.8410, 14.5300,
23.0260

 81.5250, 48.1350,
36.2550

 244.4340, 4.9500,
9.4140

 50.4590, 48.5010,
40.6370

 33.1220, 41.9000,
33.6120

 22.7690, 32.2280,
21.6680

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 163.1620, 53.5910,
36.4950

■ 163.1620, 53.5910,
36.4950

■ 147.3640, 65.0060,
44.3820

■ 178.9600, 42.1760,
28.6080

■ 132.1530, 76.1460,
51.7460

■ 194.1710, 31.0360,
21.2440

■ 116.3550, 87.5610,
59.6330

■ 209.9690, 19.6210,
13.3570

■ 100.5570, 98.9760,
67.5200

■ 225.7670, 8.2060,
5.4700

■ 84.7590, 110.3910,
75.4070

■ 240.9780, -2.9340,
-1.8940

■ 80.7810, 113.3250,
77.3010

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



165.6330, 21.5880, 38.2920



163.1620, 53.5910, 36.4950



161.0320, 68.0360, 22.5000

Triad

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



163.1620, 53.5910, 36.4950



152.7920, 13.9440, -32.4560



130.3470, -123.1470, -20.4190

Complementary

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



163.1620, 53.5910, 36.4950



198.8380, -53.5910, -36.4950

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.



129.5200, -113.9290, -33.2970



163.1620, 53.5910, 36.4950



145.1750, -29.7950, -38.2350

Square

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



163.1620, 53.5910, 36.4950



156.9920, 46.0360, -19.3400



124.5040, -99.8050, -46.9810



147.6120, -80.5120, 5.3760

Rectangle

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



163.1620, 53.5910, 36.4950



159.8880, 67.9010, 8.4210



124.5040, -99.8050, -46.9810



130.3810, -120.4870, -24.5750

Sweetspot

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



163.1620, 53.5910, 36.4950



231.2460, 17.2830, 11.6750



158.9970, 6.3640, 49.8840



113.4900, 10.5440, 7.1520



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.



163.1620, 53.5910, 36.4950



159.3970, 69.4070, 47.2230



167.2930, 62.6270, 15.8990



109.7450, 5.2720, 3.5760



61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Inverse Universe

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



163.1620, 53.5910, 36.4950



159.3970, 69.4070, 47.2230



194.7070, -62.6270, -15.8990



109.7450, 5.2720, 3.5760



61.6430, 86.6900, 58.8980



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 163.1620, 53.5910, 36.4950 looks on a white background.

Color Contrast Check

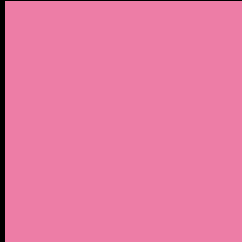
Large Text (above 18pt) WCAG AA × Fail

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 163.1620, 53.5910, 36.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

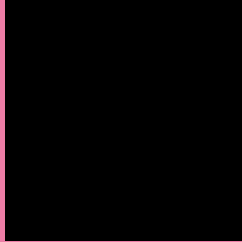
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.1620, 53.5910, 36.4950

Background



This preview shows how black text looks on a background with the YIQ color 163.1620, 53.5910, 36.4950.



This preview shows how white text looks on a background with the YIQ color 163.1620, 53.5910,

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

163.1620, 53.5910, 36.4950

Protanopia

161.9960, -11.3720, 7.8600

Deuteranopia

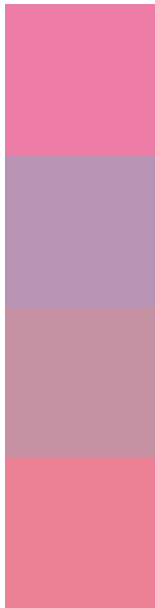
162.5500, 10.3150, 5.7950



Tritanopia

162.4210, 59.6910, 25.0590

Trichromacy



Original Color

163.1620, 53.5910, 36.4950

Protanomaly

162.1240, 12.0550, 18.3190

Deuteranomaly

162.8990, 25.8100, 16.8340

Tritanomaly

162.6860, 57.6270, 29.4270

Monochromacy



Original Color

163.1620, 53.5910, 36.4950

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9690, 19.6210, 13.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1620, 53.5910, 36.4950 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(237, 125, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 125, 166)  
}
```

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(237, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 125, 166) }
```

Border

The CSS property to change the border of an element to YIQ 163.1620, 53.5910, 36.4950 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(237, 125, 166) }
```


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

```
.border{ border-color:rgb(237, 125, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 125, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 125,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1620, 53.5910, 36.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 125, 166) }
```

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

```
.background{ background-color: rgb(237,  
125, 166) }
```

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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