

Converting Colors

YIQ(164.6420, 51.7590, 25.6390)

Have a look what the booklet for
YIQ(164.6420, 51.7590, 25.6390)
contains.

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Color

**YIQ(164.6420, 51.7590,
25.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	E68697
RGB	230, 134, 151
RGB Percent	90%, 53%, 59%
CMY	0.0978, 0.4746, 0.4076
CMYK	0.00, 0.42, 0.34, 0.10
HSL	349°, 66%, 71%
HSV	349°, 42%, 90%
XYZ	46.7621, 36.1081, 33.8040
YIQ	164.6420, 51.7590, 25.6390

Conversions

Conversions Part 2

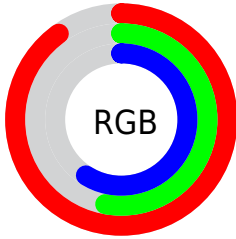
Format	Color
R _Y B	230, 134, 151
Decimal	15107735
CIE Lab	66.60, 38.67, 6.99
CIE LCh	67, 39.302, 10.249
Yxy	36.1081, 0.4008, 0.3095
Android (android.graphics.Color)	4293297815 (0xFFE68697)
YUV	164.6420, -6.7255, 57.3190
Hunter-Lab	60.0900, 33.7514, 8.7091

Details

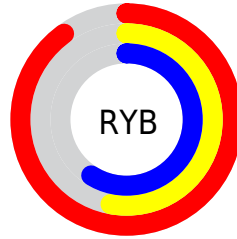
The YIQ color **164.6420, 51.7590, 25.6390** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **199.3580, -51.7590, -25.6390**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.5580, 34.2000, 18.9680**, and **110.9620, 47.8620, 24.6780** is the 20% darker color. If you saturate the color by 10%, you get **148.9750, 64.1830, 31.7590**, and if you desaturate by 10%, it is **180.3090, 39.3350, 19.5190**.

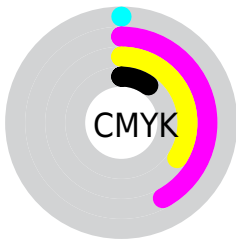
Distribution



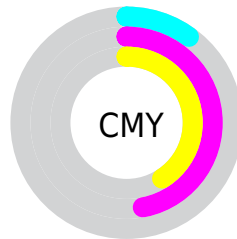
- Red (90%)
- Green (53%)
- Blue (59%)



- Red (90%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (10%)




- Cyan (10%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.6420, 51.7590, 25.6390 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 164.6420, 51.7590, 25.6390 by changing the saturation by 10% instead.


 164.6420, 51.7590,
25.6390


 164.6420, 51.7590,
25.6390


255.0000, -0.0000,
-0.0000


 137.7450, 49.9710,
25.0030


 210.5580, 34.2000,
18.9680


 110.9620, 47.8620,
24.6780


 230.1860, 17.5120,
13.0320

 85.2930, 45.4320,
24.6640

 249.7170, 2.4750,
4.7070

 59.0370, 43.2770,
25.1730

 30.3730, 42.4510,
29.1310

 19.8630, 34.6590,
16.1550

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 164.6420, 51.7590,
25.6390

■ 164.6420, 51.7590,
25.6390

■ 148.9750, 64.1830,
31.7590

■ 180.3090, 39.3350,
19.5190

■ 133.3080, 76.6070,
37.8790

■ 195.9760, 26.9110,
13.3990

■ 117.6410, 89.0310,
43.9990

■ 211.6430, 14.4870,
7.2790

■ 101.9740,
101.4550, 50.1190

■ 227.3100, 2.0630,
1.1590

■ 86.3070, 113.8790,
56.2390

■ 242.9770,
-10.3610, -4.9610

■ 73.4440, 123.9190,
61.5110

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



166.3210, 31.0340, 32.2980



164.6420, 51.7590, 25.6390



162.9070, 57.7220, 11.1780

Triad

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



164.6420, 51.7590, 25.6390



153.8150, -2.0580, -28.7940



144.8960, -84.7280, -6.3280

Complementary

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



164.6420, 51.7590, 25.6390



199.3580, -51.7590, -25.6390

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.



128.6710, -115.6720, -29.2400



164.6420, 51.7590, 25.6390



147.3020, -40.1580, -32.1420

Square

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



164.6420, 51.7590, 25.6390



158.3690, 28.7970, -20.7950



131.6500, -93.9840, -36.8320



159.4120, -41.5420, 14.9860

Rectangle

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



164.6420, 51.7590, 25.6390



162.0770, 53.8270, -0.8370



131.6500, -93.9840, -36.8320



136.1060, -103.2950, -16.7590

Sweetspot

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



164.6420, 51.7590, 25.6390



232.5510, 17.7420, 8.8620



168.2660, 15.6720, 46.3920



113.7350, 11.2320, 5.6960



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.



164.6420, 51.7590, 25.6390



168.4810, 68.6300, 33.7660



180.3140, 48.9660, 4.6620



106.8160, 6.5100, 3.1660



57.1690, 96.4120, 47.9000



16.2750, 27.5070, 13.6110

Inverse Universe

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



164.6420, 51.7590, 25.6390



168.4810, 68.6300, 33.7660



183.6860, -48.9660, -4.6620



106.8160, 6.5100, 3.1660



57.1690, 96.4120, 47.9000



16.2750, 27.5070, 13.6110

Previews

White Background



This preview shows how the YIQ color 164.6420, 51.7590, 25.6390 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 164.6420, 51.7590, 25.6390 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 164.6420, 51.7590, 25.6390

Background



This preview shows how black text looks on a background with the YIQ color 164.6420, 51.7590, 25.6390.



This preview shows how white text looks on a background with the YIQ color 164.6420, 51.7590,

25.6390.

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

164.6420, 51.7590, 25.6390

Protanopia

163.0540, -0.0920, 1.6680

Deuteranopia

163.9330, 19.3020, 2.6140



Tritanopia

164.5450, 53.4100, 23.2500

Trichromacy



Original Color

164.6420, 51.7590, 25.6390

Protanomaly

163.7900, 18.5670, 10.4310

Deuteranomaly

164.4340, 31.3130, 10.7130

Tritanomaly

164.7730, 52.7680, 23.8720

Monochromacy



Original Color

164.6420, 51.7590, 25.6390

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1490, 18.9340, 9.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.6420, 51.7590, 25.6390 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(230, 134, 151)` looks like.

```
.text, #text, p{  
    color:rgb(230, 134, 151)  
}
```

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(230, 134, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 134, 151) }
```

Border

The CSS property to change the border of an element to YIQ 164.6420, 51.7590, 25.6390 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(230, 134, 151) }
```


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

```
.border{ border-color:rgb(230, 134, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 134, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 134, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 134, 151);  
box-shadow:4px 4px 4px 4px rgb(230, 134,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 164.6420, 51.7590, 25.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 134, 151) }
```

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

```
.background{ background-color: rgb(230,  
134, 151) }
```

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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