

Converting Colors

YIQ(164.9970, 41.8950, 61.2470)

Have a look what the booklet for
YIQ(164.9970, 41.8950, 61.2470)
contains.

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Color

**YIQ(164.9970, 41.8950,
61.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	F372DF
RGB	243, 114, 223
RGB Percent	95%, 45%, 87%
CMY	0.0467, 0.5531, 0.1254
CMYK	0.00, 0.53, 0.08, 0.05
HSL	309°, 84%, 70%
HSV	309°, 53%, 95%
XYZ	56.3285, 36.4230, 73.8883
YIQ	164.9970, 41.8950, 61.2470

Conversions

Conversions Part 2

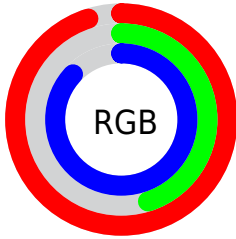
Format	Color
R _Y B	243, 114, 223
Decimal	15954655
CIE Lab	66.84, 62.91, -32.92
CIE LCh	67, 71.001, 332.375
Yxy	36.4230, 0.3380, 0.2186
Android (android.graphics.Color)	4294144735 (0xFFFF372DF)
YUV	164.9970, 28.5955, 68.4086
Hunter-Lab	60.3515, 60.9862, -30.3427

Details

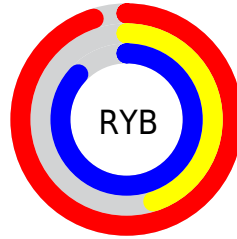
The YIQ color **164.9970, 41.8950, 61.2470** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **192.0030, -41.8950, -61.2470**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1050, 23.3750, 44.4550**, and **107.5130, 40.3820, 61.1340** is the 20% darker color. If you saturate the color by 10%, you get **150.4530, 49.7790, 72.5550**, and if you desaturate by 10%, it is **179.5410, 34.0110, 49.9390**.

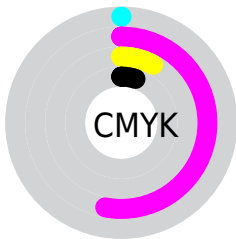
Distribution



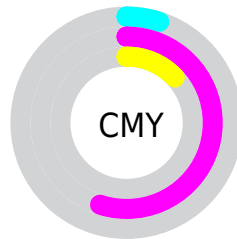
- Red (95%)
- Green (45%)
- Blue (87%)



- Red (95%)
- Yellow (45%)
- Blue (87%)



- Cyan (0%)
- Magenta (53%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (55%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.9970, 41.8950, 61.2470 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 164.9970, 41.8950, 61.2470 by changing the saturation by 10% instead.


 164.9970, 41.8950,
61.2470


 164.9970, 41.8950,
61.2470


255.0000, -0.0000,
-0.0000


 136.3990, 40.7030,
60.8230


 205.1050, 23.3750,
44.4550


 106.9260, 40.6570,
61.6570


 222.1280, 15.4000,
29.2880

 74.4580, 42.2150,
66.4630

 239.1510, 7.4250,
14.1210

 51.0830, 38.7770,
62.6890

 40.1600, 30.7100,
49.1900

 29.3510, 22.3220,
36.0020

 19.3680, 14.4840,

23.8600

■ 3.5900, -4.3570,
7.3790

■ 0.0000, 0.0000,
0.0000

■ 164.9970, 41.8950,
61.2470

■ 164.9970, 41.8950,
61.2470

■ 150.4530, 49.7790,
72.5550

■ 179.5410, 34.0110,
49.9390

■ 135.3220, 57.9380,
84.3860

■ 194.6720, 25.8520,
38.1080

■ 120.8920, 65.5010,
96.0050

■ 209.1020, 18.2890,
26.4890

■ 106.3480, 73.3850,
107.3130

■ 223.6460, 10.4050,
15.1810

96.0270, 79.0230,
115.2710

238.7770, 2.2460,
3.3500

250.3860, -4.2630,
-5.3430

250.7280, -5.2260,
-4.4100

251.1840, -6.5100,
-3.1660

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



163.2430, -21.0520, 40.1320



164.9970, 41.8950, 61.2470



152.0110, 73.6700, 52.5660

Triad

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



164.9970, 41.8950, 61.2470



151.0180, 68.3690, -44.1350



138.3370, -126.3550, -28.3630

Complementary

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



164.9970, 41.8950, 61.2470



192.0030, -41.8950, -61.2470

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.



131.6280, -106.0860, -48.7900



164.9970, 41.8950, 61.2470



146.1220, 12.1140, -54.3660

Square

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



164.9970, 41.8950, 61.2470



156.7820, 90.9660, -7.6100



121.7560, -83.8000, -67.2240



137.0780, -132.4550, -16.9270

Rectangle

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



164.9970, 41.8950, 61.2470



150.1580, 85.7770, 36.8890



121.7560, -83.8000, -67.2240



136.6440, -120.2100, -35.1060

Sweetspot

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



164.9970, 41.8950, 61.2470



230.2490, 13.2010, 19.5770



134.3870, -30.0850, 44.1470



112.8690, 8.1590, 11.8310



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.



164.9970, 41.8950, 61.2470



156.4690, 52.8500, 77.4740



157.7010, 62.4390, 41.3430



114.7280, 3.9420, 5.6540



73.5120, 60.4590, 88.2590



23.3410, 19.1140, 28.0580

Inverse Universe

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



164.9970, 41.8950, 61.2470



156.4690, 52.8500, 77.4740



199.2990, -62.4390, -41.3430



114.7280, 3.9420, 5.6540



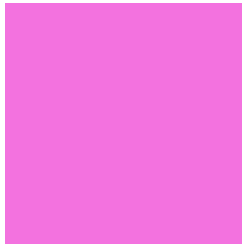
73.5120, 60.4590, 88.2590



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 164.9970, 41.8950, 61.2470 looks on a white background.

Color Contrast Check

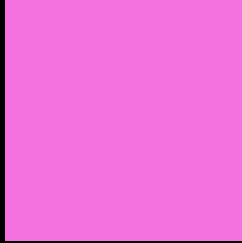
Large Text (above 18pt) WCAG AA × Fail

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 164.9970, 41.8950, 61.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

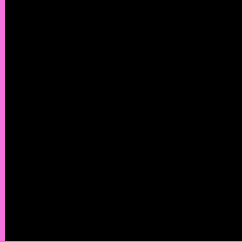
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.9970, 41.8950, 61.2470

Background



This preview shows how black text looks on a background with the YIQ color 164.9970, 41.8950, 61.2470.



This preview shows how white text looks on a background with the YIQ color 164.9970, 41.8950,

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

164.9970, 41.8950, 61.2470

Protanopia

161.2620, -49.5670, 22.7610

Deuteranopia

163.2800, -23.6150, 14.9850



Tritanopia

164.3390, 56.9860, 24.5220

Trichromacy



Original Color

164.9970, 41.8950, 61.2470



Protanomaly

162.4730, -16.0080, 36.8240



Deuteranomaly

163.8090, 0.3610, 32.0170



Tritanomaly

164.4330, 51.3900, 37.8380

Monochromacy



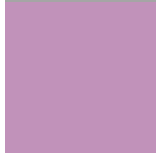
Original Color

164.9970, 41.8950, 61.2470



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

164.6130, 15.1720, 22.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.9970, 41.8950, 61.2470 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(243, 114, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 114, 223)  
}
```

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(243, 114, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 114, 223) }
```

Border

The CSS property to change the border of an element to YIQ 164.9970, 41.8950, 61.2470 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(243, 114, 223) }
```


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

```
.border{ border-color:rgb(243, 114, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 114, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 114, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 114, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 114,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 164.9970, 41.8950, 61.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 114, 223) }
```

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

```
.background{ background-color: rgb(243,  
114, 223) }
```

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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