

Converting Colors

YIQ(153.7400, 23.1450, 48.6250)

Have a look what the booklet for
YIQ(153.7400, 23.1450, 48.6250)
contains.

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Color

**YIQ(153.7400, 23.1450,
48.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	CE74D3
RGB	206, 116, 211
RGB Percent	81%, 45%, 83%
CMY	0.1919, 0.5452, 0.1725
CMYK	0.02, 0.45, 0.00, 0.17
HSL	297°, 52%, 64%
HSV	297°, 45%, 83%
XYZ	43.4725, 30.3173, 65.1917
YIQ	153.7400, 23.1450, 48.6250

Conversions

Conversions Part 2

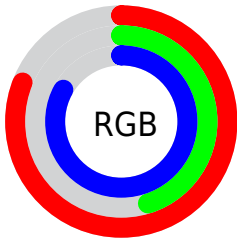
Format	Color
R _Y B	206, 116, 211
Decimal	13530323
CIE Lab	61.93, 49.35, -34.21
CIE LCh	62, 60.044, 325.267
Yxy	30.3173, 0.3128, 0.2181
Android (android.graphics.Color)	4291720403 (0xFFCE74D3)
YUV	153.7400, 28.2292, 45.8320
Hunter-Lab	55.0611, 44.5743, -31.6558

Details

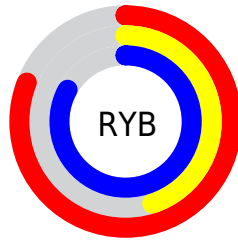
The YIQ color **153.7400, 23.1450, 48.6250** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.2600, -23.1450, -48.6250**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.1050, 23.3750, 44.4550**, and **99.6150, 21.9990, 47.3670** is the 20% darker color. If you saturate the color by 10%, you get **141.1140, 28.3240, 59.3960**, and if you desaturate by 10%, it is **166.3660, 17.9660, 37.8540**.

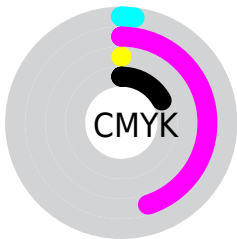
Distribution



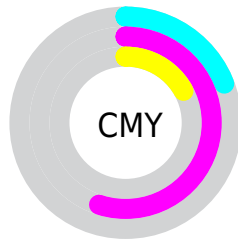
- Red (81%)
- Green (45%)
- Blue (83%)



- Red (81%)
- Yellow (45%)
- Blue (83%)



- Cyan (2%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.7400, 23.1450, 48.6250 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 153.7400, 23.1450, 48.6250 by changing the saturation by 10% instead.

153.7400, 23.1450,
48.6250

153.7400, 23.1450,
48.6250

255.0000, -0.0000,
-0.0000

126.9140, 22.5950,
47.5790

205.1050, 23.3750,
44.4550

99.6150, 21.9990,
47.3670

221.5410, 15.6750,
29.8110

72.7290, 21.6780,
47.6780

238.5640, 7.7000,
14.6440

40.5600, 23.8320,
52.6960

30.0500, 16.0400,
39.7200

20.4370, 10.0360,
27.3800

7.7630, -3.1660,

13.3300

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 153.7400, 23.1450,
48.6250

■ 153.7400, 23.1450,
48.6250

■ 141.1140, 28.3240,
59.3960

■ 166.3660, 17.9660,
37.8540

■ 128.4880, 33.5030,
70.1670

■ 178.9920, 12.7870,
27.0830

■ 115.8620, 38.6820,
80.9380

■ 191.6180, 7.6080,
16.3120

■ 103.2360, 43.8610,
91.7090

■ 204.2440, 2.4290,
5.5410

■ 90.0230, 49.3150,
103.0030

■ 217.1690, -2.1540,
-5.0180

■ 83.8540, 51.4690,
108.0210

■ 230.3820, -7.6080,
-16.3120

■ 237.7250,
-10.3120, -22.3760

■ 238.0240, -9.7160,
-22.1640

■ 238.3230, -9.1200,
-21.9520

Harmonies

Analogous

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



150.0020, -36.7310, 32.4290



153.7400, 23.1450, 48.6250



148.9990, 64.7760, 48.5520

Triad

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



153.7400, 23.1450, 48.6250



143.1920, 59.7920, -26.3520



124.8410, -110.3990, -31.1910

Complementary

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



153.7400, 23.1450, 48.6250



173.2600, -23.1450, -48.6250

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.



117.9840, -92.4690, -47.7730



153.7400, 23.1450, 48.6250



138.5890, 21.4650, -42.1110

Square

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



153.7400, 23.1450, 48.6250



145.9460, 79.1810, 2.2290



127.5340, -38.5960, -49.4440



126.6940, -122.5060, -15.5140

Rectangle

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



153.7400, 23.1450, 48.6250



146.8030, 79.5870, 38.9390



127.5340, -38.5960, -49.4440



122.7890, -104.6210, -36.7890

Sweetspot

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



153.7400, 23.1450, 48.6250



233.2700, 8.7080, 18.4040



130.3520, -32.1450, 26.4070



114.4880, 4.8580, 11.0820



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.



153.7400, 23.1450, 48.6250



171.9010, 33.7780, 70.6900



150.5610, 39.2860, 36.9340



98.2440, 2.4290, 5.5410



66.9920, 41.4320, 86.1680



16.3350, 10.0830, 21.0190

Inverse Universe

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



144.9750, 55.0150, 21.6950



159.0600, 80.0010, 31.4330



176.4390, -39.2860, -36.9340



97.4030, 6.2350, 2.6430



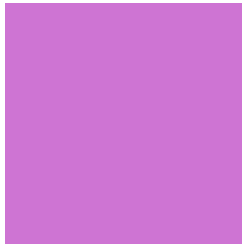
51.2580, 97.2390, 38.4150



12.4870, 23.7940, 9.3140

Previews

White Background



This preview shows how the YIQ color 153.7400, 23.1450, 48.6250 looks on a white background.

Color Contrast Check

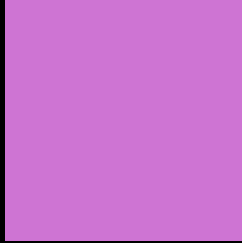
Large Text (above 18pt) WCAG AA × Fail

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 153.7400, 23.1450, 48.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

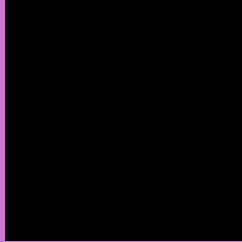
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.7400, 23.1450, 48.6250

Background



This preview shows how black text looks on a background with the YIQ color 153.7400, 23.1450, 48.6250.



This preview shows how white text looks on a background with the YIQ color 153.7400, 23.1450,

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

153.7400, 23.1450, 48.6250

Protanopia

147.9910, -47.3660, 21.4180

Deuteranopia

150.0130, -27.2370, 14.5470



Tritanopia

152.5750, 35.5300, 16.8900

Trichromacy



Original Color

153.7400, 23.1450, 48.6250



Protanomaly

150.3750, -21.7840, 31.3680



Deuteranomaly

151.2700, -8.4870, 27.1690



Tritanomaly

152.8000, 30.9430, 28.4390

Monochromacy



Original Color

153.7400, 23.1450, 48.6250



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

153.8570, 8.4330, 17.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.7400, 23.1450, 48.6250 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(206, 116, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 116, 211)  
}
```

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(206, 116, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 116, 211) }
```

Border

The CSS property to change the border of an element to YIQ 153.7400, 23.1450, 48.6250 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(206, 116, 211) }
```


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

```
.border{ border-color:rgb(206, 116, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 116, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 116, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 116, 211);  
box-shadow:4px 4px 4px 4px rgb(206, 116,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 153.7400, 23.1450, 48.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 116, 211) }
```

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

```
.background{ background-color: rgb(206,  
116, 211) }
```

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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