

Converting Colors

YIQ(149.6250, 42.4020, 46.5460)

Have a look what the booklet for
YIQ(149.6250, 42.4020, 46.5460)
contains.

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Color

**YIQ(149.6250, 42.4020,
46.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6CB6
RGB	219, 108, 182
RGB Percent	86%, 42%, 71%
CMY	0.1409, 0.5766, 0.2862
CMYK	0.00, 0.51, 0.17, 0.14
HSL	320°, 61%, 64%
HSV	320°, 51%, 86%
XYZ	43.0413, 29.1662, 47.6324
YIQ	149.6250, 42.4020, 46.5460

Conversions

Conversions Part 2

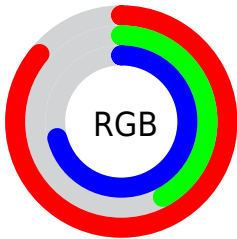
Format	Color
R _Y B	219, 108, 182
Decimal	14380214
CIE Lab	60.93, 52.37, -19.19
CIE LCh	61, 55.779, 339.876
Yxy	29.1662, 0.3592, 0.2434
Android (android.graphics.Color)	4292570294 (0xFFDB6CB6)
YUV	149.6250, 15.9609, 60.8419
Hunter-Lab	54.0058, 47.7501, -14.4890

Details

The YIQ color **149.6250, 42.4020, 46.5460** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.3750, -42.4020, -46.5460**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.0580, 30.7570, 42.8290**, and **94.5430, 39.6970, 46.0090** is the 20% darker color. If you saturate the color by 10%, you get **135.9130, 50.6990, 55.8750**, and if you desaturate by 10%, it is **163.3370, 34.1050, 37.2170**.

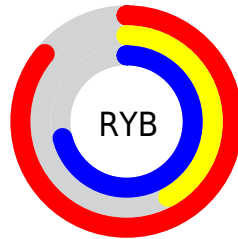
Distribution



Red (86%)

Green (42%)

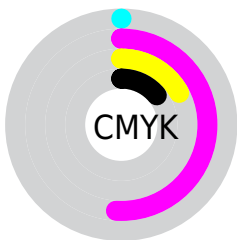
Blue (71%)



Red (86%)

Yellow (42%)

Blue (71%)

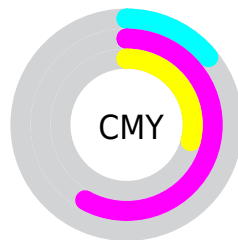


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (14%)



Cyan (14%)


Magenta (58%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.6250, 42.4020, 46.5460 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 149.6250, 42.4020, 46.5460 by changing the saturation by 10% instead.


 149.6250, 42.4020,
46.5460


 149.6250, 42.4020,
46.5460


255.0000, -0.0000,
-0.0000

 122.0270, 41.2100,
46.1220


 199.0580, 30.7570,
42.8290


 94.8420, 40.2930,
46.2210


 217.4320, 17.6000,
33.4720


 64.8360, 40.4300,
49.2460

 234.4550, 9.6250,
18.3050

 40.8140, 37.4960,
47.3520

 251.4780, 1.6500,
3.1380

 30.3040, 29.7040,
34.3760

 20.7340, 22.1410,
22.7570

 8.2020, 11.4150,

7.8870

■ 0.0000, 0.0000,
0.0000

■ 149.6250, 42.4020,
46.5460

■ 149.6250, 42.4020,
46.5460

■ 135.9130, 50.6990,
55.8750

■ 163.3370, 34.1050,
37.2170

■ 122.0870, 59.3170,
64.8930

■ 177.1630, 25.4870,
28.1990

■ 108.3750, 67.6140,
74.2220

■ 190.8750, 17.1900,
18.8700

■ 94.6630, 75.9110,
83.5510

■ 204.5870, 8.8930,
9.5410

■ 82.1250, 83.6580,
91.8340

■ 217.8260, 0.5500,
1.0460

■ 231.5380, -7.7470,
-8.2830

■ 241.7280,
-14.3940, -14.4740

■ 242.5260,
-16.6410, -12.2970

■ 243.4380,
-19.2090, -9.8090

Harmonies

Analogous

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



151.1000, -4.5920, 39.1840



149.6250, 42.4020, 46.5460



145.8990, 70.5090, 38.2610

Triad

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



149.6250, 42.4020, 46.5460



139.9660, 39.7570, -32.2030



123.0290, -113.5640, -23.3880

Complementary

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



149.6250, 42.4020, 46.5460



177.3750, -42.4020, -46.5460

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.



118.8450, -99.0270, -39.0510



149.6250, 42.4020, 46.5460



134.1270, -3.4770, -41.6290

Square

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



149.6250, 42.4020, 46.5460



143.0980, 66.5290, -10.7750



111.8570, -82.1060, -53.8660



121.7530, -120.9940, -9.8740

Rectangle

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



149.6250, 42.4020, 46.5460



144.8760, 77.3430, 24.5350



111.8570, -82.1060, -53.8660



122.0200, -109.3450, -28.2650

Sweetspot

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



149.6250, 42.4020, 46.5460



231.2120, 14.6230, 15.8310



131.7170, -13.5790, 42.3650



113.5870, 8.8930, 9.5410



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.



149.6250, 42.4020, 46.5460



157.5000, 59.5920, 65.4160



143.2410, 60.3780, 29.1300



103.0870, 4.3090, 4.5090



64.9510, 65.8720, 72.7520



17.2880, 17.4650, 19.3930

Inverse Universe

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



149.6250, 42.4020, 46.5460



157.5000, 59.5920, 65.4160



183.7590, -60.3780, -29.1300



103.0870, 4.3090, 4.5090



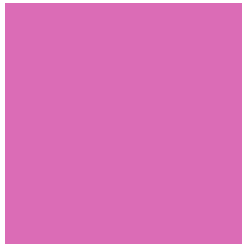
64.9510, 65.8720, 72.7520



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 149.6250, 42.4020, 46.5460 looks on a white background.

Color Contrast Check

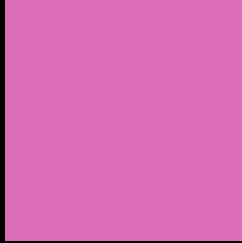
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.6250, 42.4020, 46.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

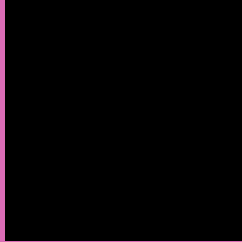
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.6250, 42.4020, 46.5460

Background



This preview shows how black text looks on a background with the YIQ color 149.6250, 42.4020, 46.5460.



This preview shows how white text looks on a background with the YIQ color 149.6250, 42.4020,

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

149.6250, 42.4020, 46.5460

Protanopia

147.0280, -31.5930, 16.3990

Deuteranopia

148.8440, -7.8880, 10.8000



Tritanopia

149.0180, 53.4560, 22.4160

Trichromacy



Original Color

149.6250, 42.4020, 46.5460



Protanomaly

148.1240, -5.1400, 27.0840



Deuteranomaly

149.2150, 10.5410, 23.7330



Tritanomaly

149.5480, 49.3280, 31.1520

Monochromacy



Original Color

149.6250, 42.4020, 46.5460



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

150.0380, 15.1730, 16.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.6250, 42.4020, 46.5460 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(219, 108, 182)` looks like.

```
.text, #text, p{  
    color:rgb(219, 108, 182)  
}
```

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(219, 108, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 108, 182) }
```

Border

The CSS property to change the border of an element to YIQ 149.6250, 42.4020, 46.5460 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(219, 108, 182) }
```


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

```
.border{ border-color:rgb(219, 108, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 108, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 108, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 108, 182);  
box-shadow:4px 4px 4px 4px rgb(219, 108,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 149.6250, 42.4020, 46.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 108, 182) }
```

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

```
.background{ background-color: rgb(219,  
108, 182) }
```

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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