

Converting Colors

YIQ(154.8720, 39.6080, 31.0960)

Have a look what the booklet for
YIQ(154.8720, 39.6080, 31.0960)
contains.

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Color

**YIQ(154.8720, 39.6080,
31.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	D47CA4
RGB	212, 124, 164
RGB Percent	83%, 49%, 64%
CMY	0.1684, 0.5138, 0.3567
CMYK	0.00, 0.42, 0.23, 0.17
HSL	333°, 51%, 66%
HSV	333°, 42%, 83%
XYZ	41.0754, 31.0935, 38.9739
YIQ	154.8720, 39.6080, 31.0960

Conversions

Conversions Part 2

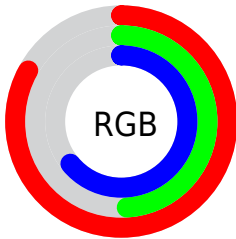
Format	Color
RYB	212, 124, 164
Decimal	13925540
CIELab	62.59, 39.29, -6.51
CIELCh	63, 39.824, 350.591
Yxy	31.0935, 0.3696, 0.2798
Android (android.graphics.Color)	4292115620 (0xFFD47CA4)
YUV	154.8720, 4.5001, 50.1013
Hunter-Lab	55.7615, 33.9050, -2.4070

Details

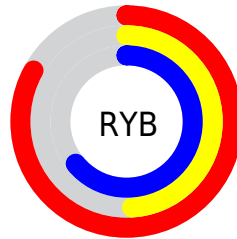
The YIQ color **154.8720, 39.6080, 31.0960** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.1280, -39.6080, -31.0960**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6970, 32.7310, 29.0750**, and **101.3770, 36.6280, 30.0360** is the 20% darker color. If you saturate the color by 10%, you get **141.1770, 49.2350, 38.3470**, and if you desaturate by 10%, it is **168.5670, 29.9810, 23.8450**.

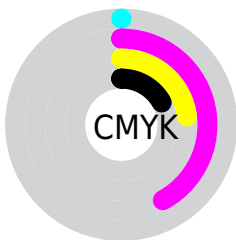
Distribution



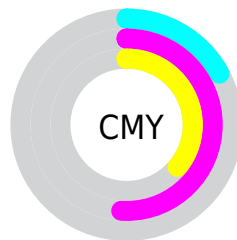
- Red (83%)
- Green (49%)
- Blue (64%)



- Red (83%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (17%)




- Cyan (17%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.8720, 39.6080, 31.0960 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 154.8720, 39.6080, 31.0960 by changing the saturation by 10% instead.

 154.8720, 39.6080,
31.0960


 154.8720, 39.6080,
31.0960


255.0000, -0.0000,
-0.0000

 127.9750, 37.8200,
30.4600


 205.6970, 32.7310,
29.0750


 101.3770, 36.6280,
30.0360


 225.3250, 16.0430,
23.1390

 75.8930, 35.1150,
29.9230

 243.2600, 5.5000,
10.4600

 49.3490, 33.8310,
31.1670

 27.3270, 30.8970,
29.2730

 18.0560, 23.9300,
17.8660

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 154.8720, 39.6080,
31.0960

■ 154.8720, 39.6080,
31.0960

■ 141.1770, 49.2350,
38.3470

■ 168.5670, 29.9810,
23.8450

■ 127.5960, 58.5410,
45.9090

■ 182.1480, 20.6750,
16.2830

■ 113.3140, 68.4430,
53.6830

■ 196.4300, 10.7730,
8.5090

■ 99.7330, 77.7490,
61.2450

■ 210.0110, 1.4670,
0.9470

■ 86.0380, 87.3760,
68.4960

■ 223.7060, -8.1600,
-6.3040

■ 74.3320, 95.5360,
74.8000

■ 237.2870,
-17.4660, -13.8660

■ 241.0030,
-22.4180, -12.2260

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



155.8440, 10.4480, 30.9280



154.8720, 39.6080, 31.0960



152.8610, 55.3360, 21.3840

Triad

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



154.8720, 39.6080, 31.0960



146.1720, 18.9860, -24.7100



120.8120, -111.4550, -23.0630

Complementary

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



154.8720, 39.6080, 31.0960



181.1280, -39.6080, -31.0960

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.



119.7400, -102.9250, -34.4850



154.8720, 39.6080, 31.0960



141.1170, -14.7120, -30.7440

Square

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



154.8720, 39.6080, 31.0960



149.0660, 43.1920, -11.8480



131.4940, -58.3140, -33.4980



139.1690, -72.0750, 1.1490

Rectangle

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



154.8720, 39.6080, 31.0960



151.9070, 57.7220, 11.1780



131.4940, -58.3140, -33.4980



120.9600, -109.1160, -26.9080

Sweetspot

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



154.8720, 39.6080, 31.0960



234.8650, 13.9820, 10.9260



148.0850, -0.2360, 37.3320



116.2940, 8.1600, 6.3040



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.



154.8720, 39.6080, 31.0960



172.4710, 57.3950, 44.6510



152.0730, 51.6230, 17.0870



99.8590, 4.9510, 3.8870



60.0210, 76.8780, 60.5100



15.1370, 19.2080, 15.3360

Inverse Universe

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



154.8720, 39.6080, 31.0960



172.4710, 57.3950, 44.6510



183.9270, -51.6230, -17.0870



99.8590, 4.9510, 3.8870



60.0210, 76.8780, 60.5100



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 154.8720, 39.6080, 31.0960 looks on a white background.

Color Contrast Check

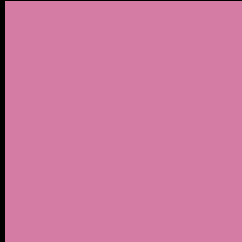
Large Text (above 18pt) WCAG AA × Fail

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 154.8720, 39.6080, 31.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

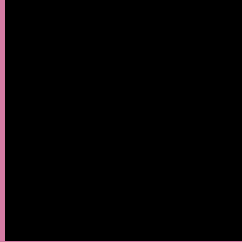
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8720, 39.6080, 31.0960

Background



This preview shows how black text looks on a background with the YIQ color 154.8720, 39.6080, 31.0960.



This preview shows how white text looks on a background with the YIQ color 154.8720, 39.6080,

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

154.8720, 39.6080, 31.0960

Protanopia

152.0390, -12.9310, 8.5810

Deuteranopia

153.2660, 5.3630, 7.4350



Tritanopia

153.9460, 44.7910, 19.7590

Trichromacy



Original Color

154.8720, 39.6080, 31.0960

Protanomaly

153.2480, 5.7740, 16.5100

Deuteranomaly

154.0660, 17.9700, 15.7460

Tritanomaly

154.0970, 43.0480, 23.8160

Monochromacy



Original Color

154.8720, 39.6080, 31.0960

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1640, 14.5780, 11.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8720, 39.6080, 31.0960 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(212, 124, 164)` looks like.

```
.text, #text, p{  
    color:rgb(212, 124, 164)  
}
```

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(212, 124, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 124, 164) }
```

Border

The CSS property to change the border of an element to YIQ 154.8720, 39.6080, 31.0960 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(212, 124, 164) }
```


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

```
.border{ border-color:rgb(212, 124, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 124, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 124, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 124, 164);  
box-shadow:4px 4px 4px 4px rgb(212, 124,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8720, 39.6080, 31.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 124, 164) }
```

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

```
.background{ background-color: rgb(212,  
124, 164) }
```

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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