

Converting Colors

YIQ(114.5860, 39.2790, 75.6230)

Have a look what the booklet for
YIQ(114.5860, 39.2790, 75.6230)
contains.

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Color

**YIQ(114.5860, 39.2790,
75.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	C737C8
RGB	199, 55, 200
RGB Percent	78%, 22%, 78%
CMY	0.2192, 0.7845, 0.2156
CMYK	0.00, 0.73, 0.00, 0.22
HSL	300°, 57%, 50%
HSV	300°, 73%, 78%
XYZ	35.3725, 19.0545, 56.4639
YIQ	114.5860, 39.2790, 75.6230

Conversions

Conversions Part 2

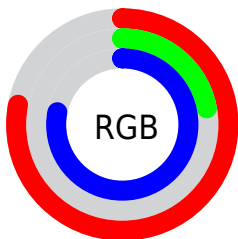
Format	Color
R_{YB}	199, 55, 200
Decimal	13055944
CIE _{Lab}	50.75, 71.93, -45.59
CIE _{LCh}	51, 85.163, 327.631
Yxy	19.0545, 0.3190, 0.1718
Android (android.graphics.Color)	4291246024 (0xFFC737C8)
YUV	114.5860, 42.1091, 74.0311
Hunter-Lab	43.6515, 68.2551, -46.1366

Details

The YIQ color **114.5860, 39.2790, 75.6230** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **140.4140, -39.2790, -75.6230**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4070, 38.2250, 72.6970**, and **58.6890, 37.4910, 74.9870** is the 20% darker color. If you saturate the color by 10%, you get **102.8460, 44.7790, 86.0830**, and if you desaturate by 10%, it is **126.3260, 33.7790, 65.1630**.

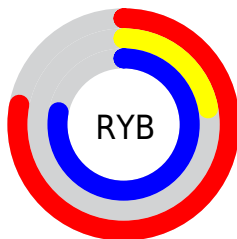
Distribution



Red (78%)

Green (22%)

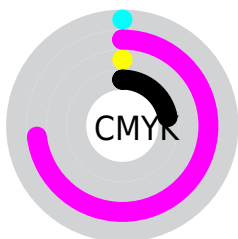
Blue (78%)



Red (78%)

Yellow (22%)

Blue (78%)

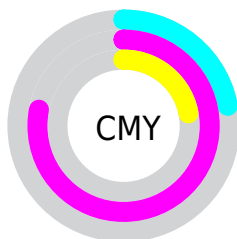


Cyan (0%)

Magenta (73%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.5860, 39.2790, 75.6230 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 114.5860, 39.2790, 75.6230 by changing the saturation by 10% instead.

114.5860, 39.2790,
75.6230

114.5860, 39.2790,
75.6230

255.0000, -0.0000,
-0.0000

75.7210, 43.6330,
84.8250

173.4070, 38.2250,
72.6970

58.6890, 37.4910,
74.9870

190.4300, 30.2500,
57.5300

47.3530, 29.1490,
60.9650

207.4530, 22.2750,
42.3630

36.1310, 20.4860,
47.2540

224.4760, 14.3000,
27.1960

25.9200, 13.2900,
34.4900

241.4990, 6.3250,
12.0290

14.2140, 3.1140,
20.6660

3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 114.5860, 39.2790,
75.6230

■ 114.5860, 39.2790,
75.6230

■ 102.8460, 44.7790,
86.0830

■ 126.3260, 33.7790,
65.1630

■ 91.1060, 50.2790,
96.5430

■ 138.0660, 28.2790,
54.7030

■ 82.3010, 54.4040,
104.3880

■ 149.8060, 22.7790,
44.2430

■ 161.8450, 17.8750,
33.9950

■ 173.5850, 12.3750,
23.5350

■ 185.3250, 6.8750,
13.0750

■ 197.0650, 1.3750,
2.6150

■ 208.8050, -4.1250,
-7.8450

■ 220.5450, -9.6250,
-18.3050

Harmonies

Analogous

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



116.3870, -56.4480, 42.8480



114.5860, 39.2790, 75.6230



86.5800, 101.3100, 91.3100

Triad

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



114.5860, 39.2790, 75.6230



113.5400, 58.6920, -28.4440



109.9550, -101.5520, -20.8160

Complementary

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



114.5860, 39.2790, 75.6230



140.4140, -39.2790, -75.6230

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.



100.9320, -77.5230, -43.3070



114.5860, 39.2790, 75.6230



103.7520, 10.2800, -54.1680

Square

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



114.5860, 39.2790, 75.6230



109.7280, 100.2260, 0.7860



89.2360, -50.1010, -66.7170



114.1050, -118.7490, -0.9970

Rectangle

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



114.5860, 39.2790, 75.6230



82.0050, 118.5060, 77.0180



89.2360, -50.1010, -66.7170



107.2190, -93.8480, -28.2800

Sweetspot

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



114.5860, 39.2790, 75.6230



222.1280, 15.4000, 29.2880



72.7040, -47.0950, 44.0490



107.7430, 8.7540, 17.5700



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.



114.5860, 39.2790, 75.6230



124.3870, 60.4540, 115.8940



106.9050, 62.3450, 54.0650



93.7170, 2.4750, 4.7070



67.0200, 44.2290, 85.0370



14.5690, 9.3040, 18.6160

Inverse Universe

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



98.4690, 86.0990, 31.0510



99.6060, 131.6700, 47.6860



148.0950, -62.3450, -54.0650



92.6910, 5.3640, 1.9080



48.8510, 96.8270, 34.8670



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 114.5860, 39.2790, 75.6230 looks on a white background.

Color Contrast Check

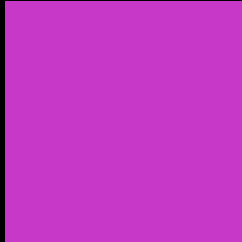
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5860, 39.2790, 75.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

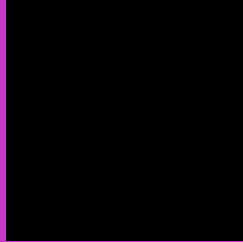
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.5860, 39.2790, 75.6230

Background



This preview shows how black text looks on a background with the YIQ color 114.5860, 39.2790, 75.6230.



This preview shows how white text looks on a background with the YIQ color 114.5860, 39.2790,

75.6230.

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

114.5860, 39.2790, 75.6230

Protanopia

97.0650, -112.1040, 16.2480

Deuteranopia

118.1020, -43.6050, 13.8270



Tritanopia

120.3880, 55.2900, 22.2180

Trichromacy



Original Color

114.5860, 39.2790, 75.6230



Protanomaly

103.0400, -57.0890, 37.9430



Deuteranomaly

116.7290, -13.8530, 36.3150



Tritanomaly

118.1710, 49.3720, 41.3720

Monochromacy



Original Color

114.5860, 39.2790, 75.6230



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

114.8890, 14.5750, 27.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.5860, 39.2790, 75.6230 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(199, 55, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 55, 200)  
}
```

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(199, 55, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 55, 200) }
```

Border

The CSS property to change the border of an element to YIQ 114.5860, 39.2790, 75.6230 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(199, 55, 200) }
```


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

```
.border{ border-color:rgb(199, 55, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 55, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 55, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 55, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 55,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 114.5860, 39.2790, 75.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 55, 200) }
```

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

```
.background{ background-color: rgb(199, 55,  
200) }
```

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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