

Converting Colors

XYZ(39.8344, 37.6165, 58.9177)

Have a look what the booklet for
XYZ(39.8344, 37.6165, 58.9177)
contains.

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Color

**XYZ(39.7692, 37.4615,
59.1676)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9EC7
RGB	173, 158, 199
RGB Percent	68%, 62%, 78%
CMY	0.3216, 0.3804, 0.2196
CMYK	0.13, 0.21, 0.00, 0.22
HSL	262°, 27%, 70%
HSV	262°, 21%, 78%
XYZ	39.7692, 37.4615, 59.1676
YIQ	167.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

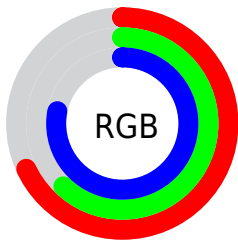
Format	Color
RYB	173, 158, 199
Decimal	11378375
CIELab	67.62, 13.53, -19.03
CIELCh	68, 23.352, 305.417
Yxy	37.4615, 0.2916, 0.2746
Android (android.graphics.Color)	4289568455 (0xFFAD9EC7)
YUV	167.1590, 15.6976, 5.1226
Hunter-Lab	61.2058, 8.8724, -14.4715

Details

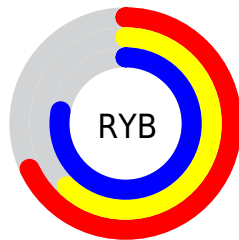
The XYZ color **39.7692, 37.4615, 59.1676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.3636, 53.5069, 40.2338**, and the grayscale version is **36.7364, 38.6496, 42.0894**.

A 20% lighter version of the original color is **74.1573, 71.4665, 104.4936**, and **18.1143, 16.5528, 29.0283** is the 20% darker color. If you saturate the color by 10%, you get **33.9858, 29.8433, 58.0025**, and if you desaturate by 10%, it is **46.3682, 46.3180, 60.5299**.

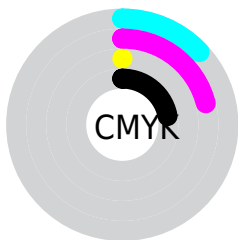
Distribution



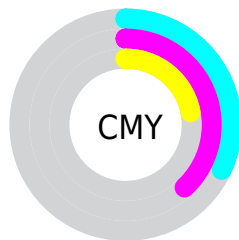
- Red (68%)
- Green (62%)
- Blue (78%)



- Red (68%)
- Yellow (62%)
- Blue (78%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7692, 37.4615, 59.1676 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 XYZ color 39.7692, 37.4615, 59.1676 by changing the saturation by 10% instead.

■ 39.7692, 37.4615,
59.1676

■ 39.7692, 37.4615,
59.1676

336.3010,
335.3043, 439.2419

■ 27.5420, 25.5650,
42.3272

■ 74.0985, 71.2820,
105.1527

■ 18.1194, 16.4985,
29.0301

■ 96.9314, 93.9748,
135.1345

■ 11.1360, 9.8776,
18.8578

124.0302,
121.0352, 170.3338

■ 6.2263, 5.3179,
11.3918

155.7603,
152.8475, 211.1691

■ 3.0252, 2.4350,
6.2135

192.4871,
189.7962, 258.0591

■ 1.1671, 0.8438,
2.9045

234.5759,

■ 0.0801, 0.0000,

232.2656, 311.4221

1.0461

282.3921,
280.6402, 371.6769

■ 0.0000, 0.0000,
0.0000

■ 39.7692, 37.4615,
59.1676

■ 39.7692, 37.4615,
59.1676

■ 33.9858, 29.8433,
58.0025

■ 46.3682, 46.3180,
60.5299

■ 28.9809, 23.4021,
57.0231

■ 53.8108, 56.4610,
62.0954

■ 24.7194, 18.0784,
56.2201

■ 62.1283, 67.9417,
63.8730

■ 21.1620, 13.8055,
55.5828

■ 71.3488, 80.8073,
65.8704

■ 18.2655, 10.5093,
55.0993

■ 80.6952, 93.4941,
67.8265

■ 15.9811, 8.1055,
54.7557

■ 85.0373, 95.7325,
68.0297

■ 14.2523, 6.4947,
54.5359

■ 87.3089, 96.9036,
68.1361

■ 13.0413, 5.5322,
54.4139

Harmonies

Analogous

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



36.2634, 37.4615, 63.8735



39.7692, 37.4615, 59.1676



42.2774, 37.4615, 49.6025

Triad

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



39.7692, 37.4615, 59.1676



38.5633, 37.4615, 25.2899



29.1512, 37.4615, 42.6892

Complementary

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



39.7692, 37.4615, 59.1676



46.3636, 53.5069, 40.2338

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.



29.6762, 37.4615, 33.0870



39.7692, 37.4615, 59.1676



34.9566, 37.4615, 24.0683

Square

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



39.7692, 37.4615, 59.1676



41.5490, 37.4615, 30.3473



31.7440, 37.4615, 26.6750



30.2586, 37.4615, 53.3875

Rectangle

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



39.7692, 37.4615, 59.1676



42.9596, 37.4615, 42.3934



31.7440, 37.4615, 26.6750



29.1435, 37.4615, 39.2260

Sweetspot

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



39.7704, 37.4631, 59.1684



86.8817, 88.8296, 107.1744



41.6865, 45.9456, 60.7047



18.4132, 18.7640, 22.9013



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7704, 37.4631, 59.1684



64.6338, 58.9729, 102.5841



44.4909, 39.8966, 59.3894



10.4170, 10.4732, 13.3900



8.4743, 3.6029, 34.9931



0.4807, 0.2116, 1.6606

Inverse Universe

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



44.4331, 40.0582, 50.7395



74.4453, 64.4387, 84.6194



41.9371, 51.2249, 40.0266



10.9121, 10.7482, 12.5205



17.6185, 8.7970, 13.7329



0.8682, 0.4301, 0.8291

Previews

White Background



This preview shows how the XYZ color 39.7692, 37.4615, 59.1676 looks on a white background.

Color Contrast Check

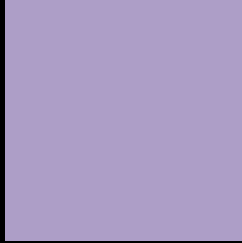
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.7692, 37.4615, 59.1676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

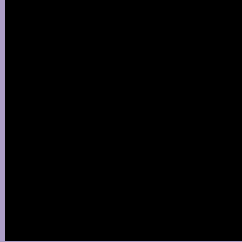
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7692, 37.4615, 59.1676

Background



This preview shows how black text looks on a background with the XYZ color 39.7692, 37.4615, 59.1676.



This preview shows how white text looks on a background with the XYZ color 39.7692, 37.4615,

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

39.7692, 37.4615, 59.1676

Protanopia

37.5870, 37.5741, 61.7714

Deuteranopia

38.2478, 37.4595, 58.6406



Tritanopia

37.0204, 37.3708, 45.8195

Trichromacy



Original Color

39.7692, 37.4615, 59.1676

Protanomaly

38.3058, 37.4354, 61.0839

Deuteranomaly

38.7002, 37.4343, 58.6119

Tritanomaly

37.9742, 37.4965, 50.5835

Monochromacy



Original Color

39.7692, 37.4615, 59.1676

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.7743, 38.2406, 48.0381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7692, 37.4615, 59.1676 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(173, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 199)  
}
```

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(173, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.7692, 37.4615, 59.1676 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(173, 158, 199) }
```


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

```
.border{ border-color:rgb(173, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7692, 37.4615, 59.1676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 199) }
```

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

```
.background{ background-color: rgb(173,  
158, 199) }
```

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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