

Converting Colors

XYZ(37.2948, 39.9065, 78.8339)

Have a look what the booklet for
XYZ(37.2948, 39.9065, 78.8339)
contains.

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Color

**XYZ(37.2593, 39.7737,
79.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	7CADE4
RGB	124, 173, 228
RGB Percent	49%, 68%, 89%
CMY	0.5137, 0.3216, 0.1059
CMYK	0.46, 0.24, 0.00, 0.11
HSL	212°, 66%, 69%
HSV	212°, 46%, 89%
XYZ	37.2593, 39.7737, 79.1121
YIQ	164.6190, -46.8590, 6.7170

Conversions

Conversions Part 2

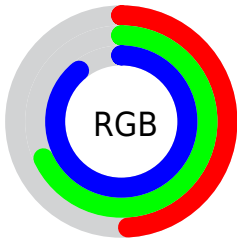
Format	Color
RYB	124, 157, 228
Decimal	8170980
CIELab	69.31, -1.77, -32.72
CIELCh	69, 32.766, 266.897
Yxy	39.7737, 0.2386, 0.2547
Android (android.graphics.Color)	4286361060 (0xFF7CADE4)
YUV	164.6190, 31.2468, -35.6229
Hunter-Lab	63.0664, -4.9093, -30.2284

Details

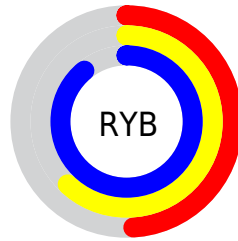
The XYZ color **37.2593, 39.7737, 79.1121** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **51.7541, 50.1905, 26.0301**, and the grayscale version is **35.4544, 37.3007, 40.6205**.

A 20% lighter version of the original color is **64.8495, 72.5306, 105.1896**, and **16.5985, 17.8466, 41.5996** is the 20% darker color. If you saturate the color by 10%, you get **32.1288, 33.8506, 78.2400**, and if you desaturate by 10%, it is **43.3629, 46.5098, 80.0913**.

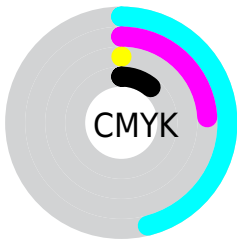
Distribution



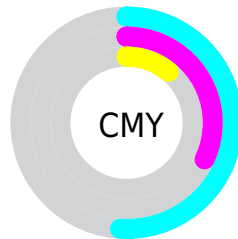
- Red (49%)
- Green (68%)
- Blue (89%)



- Red (49%)
- Yellow (62%)
- Blue (89%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2593, 39.7737, 79.1121 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 37.2593, 39.7737, 79.1121 by changing the saturation by 10% instead.

■ 37.2593, 39.7737,
79.1121

■ 37.2593, 39.7737,
79.1121

325.7679,
345.1688, 511.5631

■ 25.5829, 27.3621,
58.4661

■ 70.2827, 74.8188,
133.9168

■ 16.6429, 17.8454,
41.7663

■ 92.3603, 98.2211,
168.9125

■ 10.0739, 10.8390,
28.5942

■ 118.6358,
126.0558, 209.5286

■ 5.5107, 5.9587,
18.5311

149.4745,
158.7073, 256.1836

■ 2.5877, 2.8200,
11.1586

185.2417,
196.5599, 309.2960

■ 0.9397, 1.0385,
6.0581

226.3027,

■ 0.0000, 0.0000,

239.9981, 369.2844

2.8111

273.0230,
289.4063, 436.5672

■ 0.0000, 0.0000,
0.9990

■ 0.0000, 0.0000,
0.0000

■ 37.2593, 39.7737,
79.1121

■ 37.2593, 39.7737,
79.1121

■ 32.1288, 33.8506,
78.2400

■ 43.3629, 46.5098,
80.0913

■ 27.9085, 28.6977,
77.4678

■ 50.4890, 54.0898,
81.1788

■ 24.5341, 24.2739,
76.7918

■ 58.6882, 62.5482,
82.3793

■ 21.9295, 20.5313,
76.2066

■ 68.0064, 71.9159,
83.6964

■ 20.0023, 17.4127,
75.7063

■ 78.4866, 82.2224,
85.1333

■ 19.3058, 16.2056,
75.5100

■ 88.0018, 92.3777,
86.5920

■ 91.0037, 98.3815,
87.5926

Harmonies

Analogous

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



32.5487, 39.7737, 72.3574



37.2593, 39.7737, 79.1121



42.5622, 39.7737, 74.5859

Triad

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



37.2593, 39.7737, 79.1121



47.5515, 39.7737, 31.4888



29.9543, 39.7737, 29.3451

Complementary

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



37.2593, 39.7737, 79.1121



51.7541, 50.1905, 26.0301

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.



33.4138, 39.7737, 22.2837



37.2593, 39.7737, 79.1121



43.5959, 39.7737, 23.3050

Square

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



37.2593, 39.7737, 79.1121



48.8193, 39.7737, 44.8925



38.3534, 39.7737, 20.3588



28.5839, 39.7737, 41.7589

Rectangle

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



37.2593, 39.7737, 79.1121



45.6727, 39.7737, 66.2467



38.3534, 39.7737, 20.3588



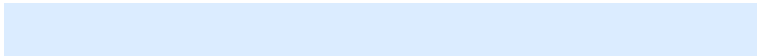
30.8948, 39.7737, 26.3878

Sweetspot

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



37.2607, 39.7752, 79.1131



77.3839, 82.3869, 106.4314



44.0658, 62.9765, 51.8137



16.0362, 17.0982, 22.7050



0.0000, 0.0000, 0.0000



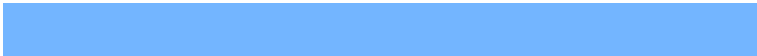
20.3446, 21.4041, 23.3091

Same Dimension

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



37.2607, 39.7752, 79.1131



41.5767, 43.8265, 100.8758



29.7774, 24.4335, 76.5462



14.1400, 15.0014, 18.2946



11.2644, 9.5909, 43.6407



0.9248, 0.8935, 3.2557

Inverse Universe

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



46.7465, 33.9277, 43.6216



55.6653, 36.7937, 47.7926



62.8301, 73.1548, 29.8789



14.6582, 14.4805, 16.4007



20.0793, 10.1659, 9.3123



1.5304, 0.7699, 0.9337

Previews

White Background



This preview shows how the XYZ color 37.2593, 39.7737, 79.1121 looks on a white background.

Color Contrast Check

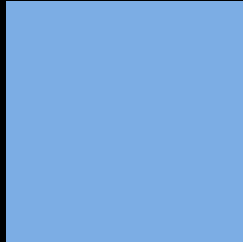
Large Text (above 18pt) WCAG AA × Fail

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 37.2593, 39.7737, 79.1121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

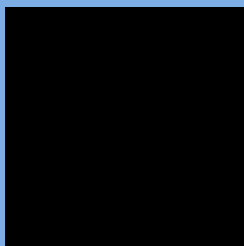
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

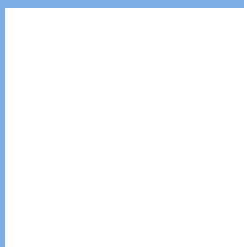
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2593, 39.7737, 79.1121

Background



This preview shows how black text looks on a background with the XYZ color 37.2593, 39.7737, 79.1121.

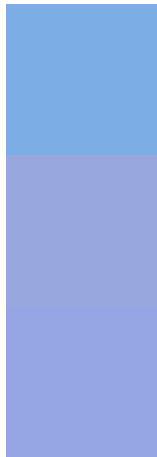


This preview shows how white text looks on a background with the XYZ color 37.2593, 39.7737,

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

37.2593, 39.7737, 79.1121

Protanopia

40.2749, 39.7375, 75.3594

Deuteranopia

40.3568, 39.4136, 79.6093



Tritanopia

32.7971, 39.7126, 56.9757

Trichromacy



Original Color

37.2593, 39.7737, 79.1121

Protanomaly

38.9339, 39.5630, 76.8185

Deuteranomaly

39.3153, 39.6958, 79.7187

Tritanomaly

34.3339, 39.7521, 64.2558

Monochromacy



Original Color

37.2593, 39.7737, 79.1121

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6574, 38.1201, 53.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2593, 39.7737, 79.1121 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(124, 173, 228)` looks like.

```
.text, #text, p{  
    color:rgb(124, 173, 228)  
}
```

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(124, 173, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 173, 228) }
```

Border

The CSS property to change the border of an element to XYZ 37.2593, 39.7737, 79.1121 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(124, 173, 228) }
```


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

```
.border{ border-color:rgb(124, 173, 228) }
```

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

Here you see how a box with a 4 pixel rgb(124, 173, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 173, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 173, 228);  
box-shadow:4px 4px 4px 4px rgb(124, 173,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2593, 39.7737, 79.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 173, 228) }
```

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

```
.background{ background-color: rgb(124,  
173, 228) }
```

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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