

Converting Colors

XYZ(35.9284, 40.2272, 79.9997)

Have a look what the booklet for
XYZ(35.9284, 40.2272, 79.9997)
contains.

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Color

**XYZ(35.9284, 40.2272,
79.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB1E5
RGB	107, 177, 229
RGB Percent	42%, 69%, 90%
CMY	0.5804, 0.3059, 0.1020
CMYK	0.53, 0.23, 0.00, 0.10
HSL	206°, 70%, 66%
HSV	206°, 53%, 90%
XYZ	35.9284, 40.2272, 79.9997
YIQ	161.9980, -58.4120, 1.3320

Conversions

Conversions Part 2

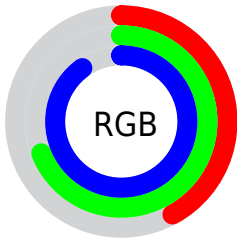
Format	Color
RYB	107, 151, 229
Decimal	7057893
CIELab	69.63, -7.58, -32.83
CIELCh	70, 33.693, 257.006
Yxy	40.2272, 0.2301, 0.2576
Android (android.graphics.Color)	4285247973 (0xFF6BB1E5)
YUV	161.9980, 33.0320, -48.2332
Hunter-Lab	63.4249, -9.8785, -30.3868

Details

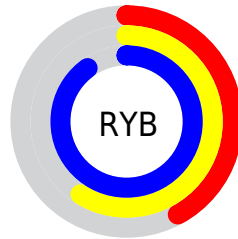
The XYZ color **35.9284, 40.2272, 79.9997** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.3665, 42.5176, 19.6218**, and the grayscale version is **34.2128, 35.9946, 39.1981**.

A 20% lighter version of the original color is **62.7060, 73.4972, 105.4892**, and **15.9151, 18.2198, 42.2131** is the 20% darker color. If you saturate the color by 10%, you get **31.6717, 35.2730, 79.2686**, and if you desaturate by 10%, it is **41.0547, 45.8359, 80.8129**.

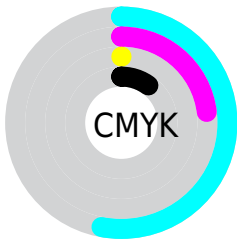
Distribution



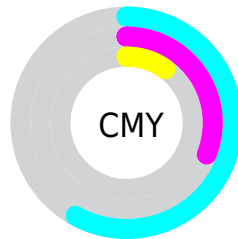
- Red (42%)
- Green (69%)
- Blue (90%)



- Red (42%)
- Yellow (59%)
- Blue (90%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (58%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9284, 40.2272, 79.9997 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 35.9284, 40.2272, 79.9997 by changing the saturation by 10% instead.

■ 35.9284, 40.2272,
79.9997

■ 35.9284, 40.2272,
79.9997

320.0842,
347.0803, 514.6386

■ 24.5488, 27.7157,
59.1919

■ 68.2461, 75.5094,
135.1767

■ 15.8681, 18.1115,
42.3466

■ 89.9149, 99.0488,
170.3830

■ 9.5211, 11.0301,
29.0452

■ 115.7442,
127.0331, 211.2260

■ 5.1424, 6.0871,
18.8691

146.0992,
159.8466, 258.1240

■ 2.3667, 2.8981,
11.3999

181.3453,
197.8736, 311.4958

■ 0.8285, 1.0788,
6.2190

221.8480,

■ 0.0000, 0.0000,

241.4987, 371.7598

2.9077

267.9725,
291.1061, 439.3345

■ 0.0000, 0.0000,
1.0477

■ 0.0000, 0.0000,
0.0000

■ 35.9284, 40.2272,
79.9997

■ 35.9284, 40.2272,
79.9997

■ 31.6717, 35.2730,
79.2686

■ 41.0547, 45.8359,
80.8129

■ 28.2187, 30.9329,
78.6128

■ 47.1017, 52.1274,
81.7085

■ 25.4997, 27.1672,
78.0293

■ 54.1211, 59.1331,
82.6908

■ 23.4293, 23.9275,
77.5131

■ 62.1595, 66.8807,
83.7626

■ 22.3122, 21.9956,
77.1991

■ 71.2600, 75.3965,
84.9266

■ 81.4635, 84.7052,
86.1856

■ 88.1348, 92.4208,
87.3233

■ 91.1430, 98.4372,
88.3260

Harmonies

Analogous

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



31.5297, 40.2272, 69.5993



35.9284, 40.2272, 79.9997



41.3797, 40.2272, 79.1905

Triad

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



35.9284, 40.2272, 79.9997



49.1472, 40.2272, 35.6023



31.0761, 40.2272, 26.3686

Complementary

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



35.9284, 40.2272, 79.9997



47.3665, 42.5176, 19.6218

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.



35.2533, 40.2272, 20.9271



35.9284, 40.2272, 79.9997



45.8287, 40.2272, 25.3243

Square

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



35.9284, 40.2272, 79.9997



49.3719, 40.2272, 50.8951



40.6377, 40.2272, 20.5967



28.9126, 40.2272, 37.3980

Rectangle

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



35.9284, 40.2272, 79.9997



44.8898, 40.2272, 72.3773



40.6377, 40.2272, 20.5967



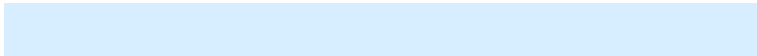
32.2723, 40.2272, 23.9524

Sweetspot

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



35.9298, 40.2287, 80.0007



76.3010, 82.4683, 106.5042



40.2413, 61.6284, 42.0489



15.8702, 17.2085, 22.7351



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.



35.9298, 40.2287, 80.0007



39.8845, 44.3668, 101.0692



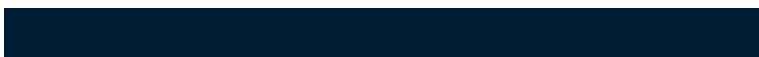
26.5885, 21.5461, 76.8869



14.2660, 15.2534, 18.3366



12.8787, 12.8194, 44.1788



1.0434, 1.1306, 3.2952

Inverse Universe

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



45.5078, 30.3492, 45.0558



53.8532, 32.4010, 49.5577



60.2560, 68.2967, 23.9183



14.7218, 14.5059, 16.7356



20.8941, 10.4918, 13.6030



1.5903, 0.7938, 1.2489

Previews

White Background



This preview shows how the XYZ color 35.9284, 40.2272, 79.9997 looks on a white background.

Color Contrast Check

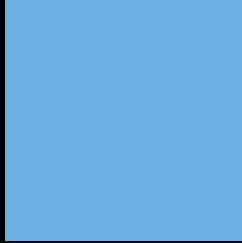
Large Text (above 18pt) WCAG AA × Fail

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 35.9284, 40.2272, 79.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

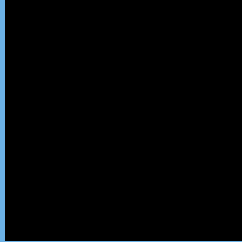
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9284, 40.2272, 79.9997

Background



This preview shows how black text looks on a background with the XYZ color 35.9284, 40.2272, 79.9997.



This preview shows how white text looks on a background with the XYZ color 35.9284, 40.2272,

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

35.9284, 40.2272, 79.9997

Protanopia

40.5211, 39.8799, 74.6691

Deuteranopia

40.8202, 39.8910, 81.1496



Tritanopia

31.8354, 40.3850, 58.9405

Trichromacy



Original Color

35.9284, 40.2272, 79.9997

Protanomaly

38.6347, 39.9653, 76.9120

Deuteranomaly

38.6774, 39.9073, 80.5273

Tritanomaly

33.2880, 40.3605, 66.3575

Monochromacy



Original Color

35.9284, 40.2272, 79.9997

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.8370, 36.9334, 51.7998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9284, 40.2272, 79.9997 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(107, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(107, 177, 229)  
}
```

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(107, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 177, 229) }
```

Border

The CSS property to change the border of an element to XYZ 35.9284, 40.2272, 79.9997 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(107, 177, 229) }
```


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

```
.border{ border-color:rgb(107, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 177, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 177, 229);  
box-shadow:4px 4px 4px 4px rgb(107, 177,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9284, 40.2272, 79.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 177, 229) }
```

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

```
.background{ background-color: rgb(107,  
177, 229) }
```

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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