

Converting Colors

XYZ(29.5334, 35.9314, 72.3967)

Have a look what the booklet for
XYZ(29.5334, 35.9314, 72.3967)
contains.

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Color

**XYZ(29.5334, 35.9314,
72.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	3BADDB
RGB	59, 173, 219
RGB Percent	23%, 68%, 86%
CMY	0.7686, 0.3216, 0.1412
CMYK	0.73, 0.21, 0.00, 0.14
HSL	197°, 69%, 55%
HSV	197°, 73%, 86%
XYZ	29.5334, 35.9314, 72.3967
YIQ	144.1580, -82.7100, -9.8620

Conversions

Conversions Part 2

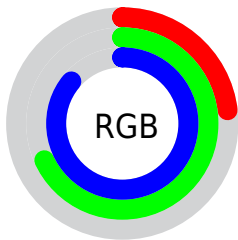
Format	Color
RYB	59, 126, 219
Decimal	3911131
CIELab	66.47, -16.80, -32.38
CIELCh	66, 36.478, 242.569
Yxy	35.9314, 0.2142, 0.2606
Android (android.graphics.Color)	4282101211 (0xFF3BADDB)
YUV	144.1580, 36.8971, -74.6836
Hunter-Lab	59.9428, -16.9542, -29.6483

Details

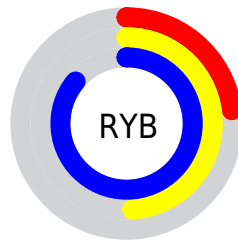
The XYZ color **29.5334, 35.9314, 72.3967** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **35.0561, 25.4814, 7.2100**, and the grayscale version is **26.4545, 27.8322, 30.3093**.

A 20% lighter version of the original color is **54.3976, 67.1424, 104.7005**, and **13.5382, 16.3551, 37.5653** is the 20% darker color. If you saturate the color by 10%, you get **27.3181, 33.0396, 71.9560**, and if you desaturate by 10%, it is **32.3521, 39.2200, 72.8836**.

Distribution



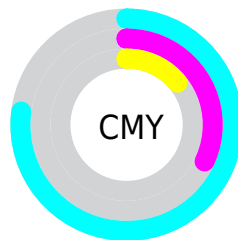
- Red (23%)
- Green (68%)
- Blue (86%)



- Red (23%)
- Yellow (49%)
- Blue (86%)



- Cyan (73%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (77%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5334, 35.9314, 72.3967 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 29.5334, 35.9314, 72.3967 by changing the saturation by 10% instead.

■ 29.5334, 35.9314,
72.3967

■ 29.5334, 35.9314,
72.3967

291.6724,
328.6606, 487.9358

■ 19.6310, 24.3812,
52.9940

■ 58.3152, 68.9262,
124.3333

■ 12.2338, 15.6167,
37.4103

■ 77.9253, 91.1395,
157.7043

■ 6.9764, 9.2533,
25.2270

■ 101.5021,
117.6761, 196.5685

■ 3.4936, 4.9068,
16.0257

■ 129.4108,
148.9203, 241.3444

■ 1.4198, 2.1927,
9.3878

■ 162.0168,
185.2564, 292.4505

■ 0.2703, 0.7160,
4.8947

199.6855,

■ 0.0000, 0.0000,

227.0689, 350.3054

2.1280

242.7823,
274.7422, 415.3277

■ 0.0000, 0.0000,
0.6323

■ 0.0000, 0.0000,
0.0000

■ 29.5334, 35.9314,
72.3967

■ 29.5334, 35.9314,
72.3967

■ 27.3181, 33.0396,
71.9560

■ 32.3521, 39.2200,
72.8836

■ 25.6286, 30.5016,
71.5551

■ 35.8320, 42.9345,
73.4172

■ 24.6808, 28.9034,
71.2966

■ 40.0277, 47.1046,
74.0010

■ 44.9867, 51.7561,
74.6374

■ 50.7523, 56.9123,
75.3288

■ 57.3647, 62.5949,
76.0771

■ 64.8608, 68.8240,
76.8844

■ 73.2757, 75.6187,
77.7523

■ 82.2317, 82.7852,
78.6636

Harmonies

Analogous

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



26.0352, 35.9314, 57.6741



29.5334, 35.9314, 72.3967



34.6251, 35.9314, 77.5729

Triad

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



29.5334, 35.9314, 72.3967



45.7688, 35.9314, 37.7892



28.7988, 35.9314, 18.8379

Complementary

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



29.5334, 35.9314, 72.3967



35.0561, 25.4814, 7.2100

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.



33.6827, 35.9314, 16.0929



29.5334, 35.9314, 72.3967



43.8008, 35.9314, 25.0494

Square

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



29.5334, 35.9314, 72.3967



44.3594, 35.9314, 54.6993



39.2280, 35.9314, 18.0210



25.6440, 35.9314, 26.8261

Rectangle

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



29.5334, 35.9314, 72.3967



38.3479, 35.9314, 74.0364



39.2280, 35.9314, 18.0210



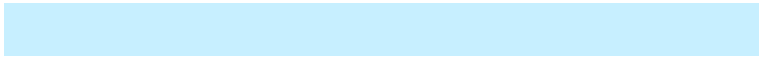
30.2734, 35.9314, 17.3847

Sweetspot

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



29.5346, 35.9327, 72.3976



72.4053, 81.0057, 106.4272



29.6522, 52.6002, 21.7780



14.9903, 16.8932, 22.7206



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.



29.5346, 35.9327, 72.3976



37.1212, 44.5413, 101.2486



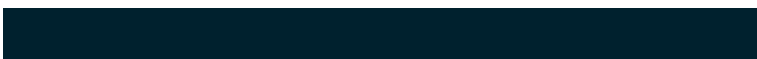
18.5646, 13.9926, 68.7409



13.1121, 14.1640, 16.6950



14.7324, 17.3343, 42.3078



1.0268, 1.2678, 2.7650

Inverse Universe

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



38.3213, 21.2066, 41.6098



51.0667, 25.9580, 51.3109



47.2140, 49.7971, 11.2626



13.4465, 13.2077, 15.6123



20.9316, 10.3737, 19.8175



1.3926, 0.6867, 1.4763

Previews

White Background



This preview shows how the XYZ color 29.5334, 35.9314, 72.3967 looks on a white background.

Color Contrast Check

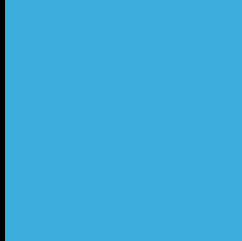
Large Text (above 18pt) WCAG AA × Fail

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 29.5334, 35.9314, 72.3967 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 29.5334, 35.9314, 72.3967

Background



This preview shows how black text looks on a background with the XYZ color 29.5334, 35.9314, 72.3967.

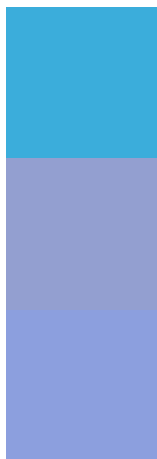


This preview shows how white text looks on a background with the XYZ color 29.5334, 35.9314,

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

29.5334, 35.9314, 72.3967

Protanopia

35.8159, 35.5534, 64.6493

Deuteranopia

36.3982, 35.6456, 74.0691



Tritanopia

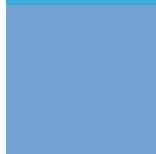
26.1978, 36.0399, 55.4448

Trichromacy



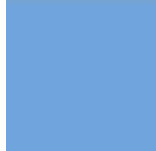
Original Color

29.5334, 35.9314, 72.3967



Protanomaly

32.2294, 34.9492, 67.3346



Deuteranomaly

32.8821, 35.1509, 73.4583



Tritanomaly

27.2682, 35.8728, 61.3641

Monochromacy



Original Color

29.5334, 35.9314, 72.3967



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

25.8821, 29.8937, 42.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5334, 35.9314, 72.3967 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(59, 173, 219)` looks like.

```
.text, #text, p{  
    color:rgb(59, 173, 219)  
}
```

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(59, 173, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 173, 219) }
```

Border

The CSS property to change the border of an element to XYZ 29.5334, 35.9314, 72.3967 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(59, 173, 219) }
```


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

```
.border{ border-color:rgb(59, 173, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 173, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(59, 173, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(59, 173, 219); box-shadow:4px 4px 4px 4px rgb(59, 173, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5334, 35.9314, 72.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 173, 219) }
```

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

```
.background{ background-color: rgb(59, 173,  
219) }
```

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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