

Converting Colors

XYZ(39.5161, 42.7604, 69.3447)

Have a look what the booklet for
XYZ(39.5161, 42.7604, 69.3447)
contains.

| | |
|--|----|
| XYZ(39.6319, 42.9736, 69.1567) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(39.6319, 42.9736,
69.1567)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 90B3D5 |
| RGB | 144, 179, 213 |
| RGB Percent | 56%, 70%, 84% |
| CMY | 0.4353, 0.2980, 0.1647 |
| CMYK | 0.32, 0.16, 0.00, 0.16 |
| HSL | 210°, 45%, 70% |
| HSV | 210°, 32%, 84% |
| XYZ | 39.6319, 42.9736, 69.1567 |
| YIQ | 172.4110, -31.7740, 3.1540 |

Conversions

Conversions Part 2

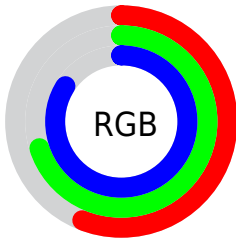
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 144, 167, 213 |
| Decimal | 9483221 |
| CIELab | 71.54, -3.77, -20.99 |
| CIELCh | 72, 21.329, 259.810 |
| Yxy | 42.9736, 0.2611, 0.2832 |
| Android (android.graphics.Color) | 4287673301 (0xFF90B3D5) |
| YUV | 172.4110, 20.0104, -24.9164 |
| Hunter-Lab | 65.5543, -6.8048, -16.6602 |

Details

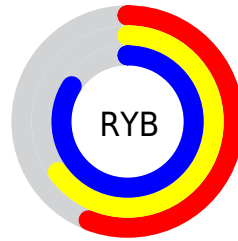
The XYZ color **39.6319, 42.9736, 69.1567** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.3956, 48.0009, 33.1010**, and the grayscale version is **39.3352, 41.3837, 45.0669**.

A 20% lighter version of the original color is **71.3115, 78.7788, 106.0550**, and **17.9468, 19.6145, 35.1878** is the 20% darker color. If you saturate the color by 10%, you get **34.2329, 37.1865, 68.3250**, and if you desaturate by 10%, it is **45.8956, 49.4461, 70.0766**.

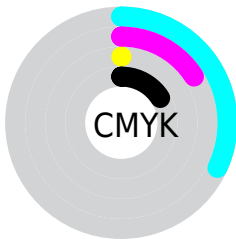
Distribution



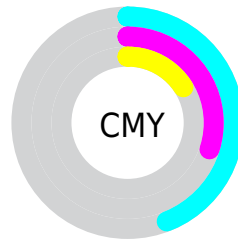
- Red (56%)
- Green (70%)
- Blue (84%)



- Red (56%)
- Yellow (65%)
- Blue (84%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6319, 42.9736, 69.1567 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 39.6319, 42.9736, 69.1567 by changing the saturation by 10% instead.

■ 39.6319, 42.9736,
69.1567

■ 39.6319, 42.9736,
69.1567

335.7307,
358.5032, 476.2923

■ 27.4346, 29.8644,
50.3668

■ 73.8906, 79.6710,
119.6752

■ 18.0382, 19.7357,
35.3317

■ 96.6826, 104.0280,
152.2408

■ 11.0772, 12.2031,
23.6329

123.7370,
132.9031, 190.2354

■ 6.1865, 6.8821,
14.8519

155.4190,
166.6806, 234.0776

■ 3.0005, 3.3885,
8.5700

192.0940,
205.7450, 284.1858

■ 1.1540, 1.3378,
4.3688

234.1274,

■ 0.0696, 0.1702,

250.4806, 340.9787

1.8298

281.8845,
301.2719, 404.8747

■ 0.0000, 0.0000,
0.4475

■ 0.0000, 0.0000,
0.0000

■ 39.6319, 42.9736,
69.1567

■ 39.6319, 42.9736,
69.1567

■ 34.2329, 37.1865,
68.3250

■ 45.8956, 49.4461,
70.0766

■ 29.6515, 32.0523,
67.5754

■ 53.0598, 56.6247,
71.0846

■ 25.8417, 27.5429,
66.9058

■ 61.1631, 64.5351,
72.1844

■ 22.7512, 23.6257,
66.3126

■ 70.2407, 73.2003,
73.3785

■ 20.3199, 20.2638,
65.7919

■ 80.3257, 82.6419,
74.6694

■ 18.4766, 17.4143,
65.3390

■ 84.9950, 89.5534,
75.7574

■ 17.3781, 15.5396,
65.0350

■ 88.2086, 95.9806,
76.8285

■ 89.0104, 97.5842,
77.0958

Harmonies

Analogous

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



36.5363, 42.9736, 63.6394



39.6319, 42.9736, 69.1567



43.2378, 42.9736, 68.0456

Triad

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



39.6319, 42.9736, 69.1567



47.7145, 42.9736, 40.3850



35.7791, 42.9736, 35.1214

Complementary

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



39.6319, 42.9736, 69.1567



48.3956, 48.0009, 33.1010

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.



38.5424, 42.9736, 30.4991



39.6319, 42.9736, 69.1567



45.4801, 42.9736, 33.2142

Square

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



39.6319, 42.9736, 69.1567



48.0487, 42.9736, 50.3890



42.0828, 42.9736, 29.8564



34.4001, 42.9736, 43.3684

Rectangle

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



39.6319, 42.9736, 69.1567



45.4422, 42.9736, 63.7435



42.0828, 42.9736, 29.8564



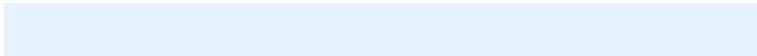
36.5690, 42.9736, 33.1469

Sweetspot

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



39.6333, 42.9753, 69.1577



82.4048, 87.7241, 107.1970



43.2676, 56.7070, 50.4442



17.2828, 18.4269, 22.8958



0.0000, 0.0000, 0.0000



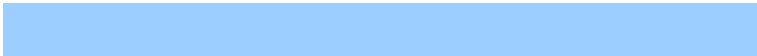
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6333, 42.9753, 69.1577



53.7442, 58.3847, 103.0445



33.6612, 31.0312, 67.1670



12.2581, 13.0396, 15.8083



10.7177, 9.6971, 39.7600



0.7292, 0.7504, 2.4257

Inverse Universe

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



45.5516, 37.3485, 47.4578



64.1934, 49.3423, 64.5319



55.9814, 63.1726, 35.6296



12.6835, 12.5249, 14.2734



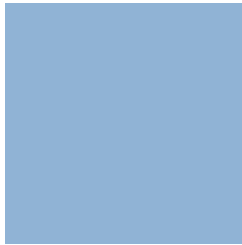
18.4686, 9.3238, 9.7719



1.1557, 0.5791, 0.8094

Previews

White Background



This preview shows how the XYZ color 39.6319, 42.9736, 69.1567 looks on a white background.

Color Contrast Check

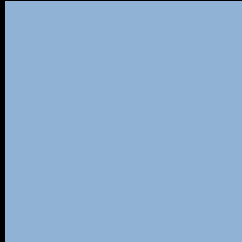
Large Text (above 18pt) WCAG AA × Fail

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 39.6319, 42.9736, 69.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

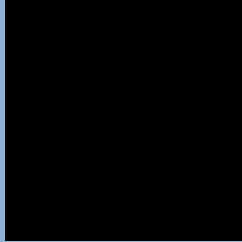
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

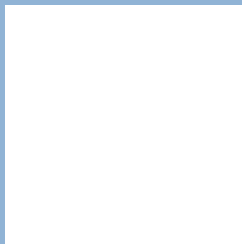
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6319, 42.9736, 69.1567

Background



This preview shows how black text looks on a background with the XYZ color 39.6319, 42.9736, 69.1567.



This preview shows how white text looks on a background with the XYZ color 39.6319, 42.9736,

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

39.6319, 42.9736, 69.1567

Protanopia

42.3885, 42.7061, 66.3306

Deuteranopia

43.8419, 42.8028, 70.2410



Tritanopia

37.5070, 43.0169, 58.5508

Trichromacy



Original Color

39.6319, 42.9736, 69.1567

Protanomaly

41.2609, 42.6840, 67.0369

Deuteranomaly

42.1739, 42.8085, 69.6584

Tritanomaly

38.1690, 42.9747, 62.1603

Monochromacy



Original Color

39.6319, 42.9736, 69.1567

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1999, 41.9292, 53.0408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6319, 42.9736, 69.1567 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(144, 179, 213)` looks like.

```
.text, #text, p{  
    color:rgb(144, 179, 213)  
}
```

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(144, 179, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 179, 213) }
```

Border

The CSS property to change the border of an element to XYZ 39.6319, 42.9736, 69.1567 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(144, 179, 213) }
```


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

```
.border{ border-color:rgb(144, 179, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 179, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 179, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 179, 213);  
box-shadow:4px 4px 4px 4px rgb(144, 179,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6319, 42.9736, 69.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 179, 213) }
```

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

```
.background{ background-color: rgb(144,  
179, 213) }
```

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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