

Converting Colors

XYZ(39.2155, 42.4853, 74.7897)

Have a look what the booklet for
XYZ(39.2155, 42.4853, 74.7897)
contains.

XYZ(39.3246, 42.6949, 74.5749)	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(39.3246, 42.6949,
74.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	88B3DD
RGB	136, 179, 221
RGB Percent	53%, 70%, 87%
CMY	0.4667, 0.2980, 0.1333
CMYK	0.38, 0.19, 0.00, 0.13
HSL	210°, 56%, 70%
HSV	210°, 38%, 87%
XYZ	39.3246, 42.6949, 74.5749
YIQ	170.9310, -39.1100, 3.9460

Conversions

Conversions Part 2

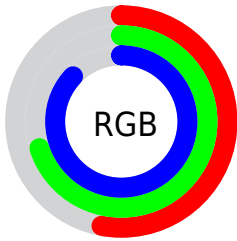
Format	Color
R _{YB}	136, 165, 221
Decimal	8958941
CIE Lab	71.35, -3.92, -25.70
CIE LCh	71, 25.994, 261.318
Yxy	42.6949, 0.2511, 0.2726
Android (android.graphics.Color)	4287149021 (0xFF88B3DD)
YUV	170.9310, 24.6840, -30.6345
Hunter-Lab	65.3413, -6.9201, -21.9295

Details

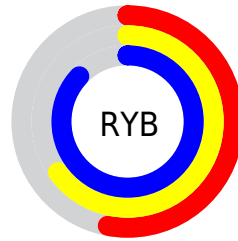
The XYZ color **39.3246, 42.6949, 74.5749** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.1841, 48.9915, 30.1053**, and the grayscale version is **38.5693, 40.5779, 44.1894**.

A 20% lighter version of the original color is **69.4966, 77.8431, 105.9701**, and **17.8235, 19.4687, 38.8948** is the 20% darker color. If you saturate the color by 10%, you get **33.9962, 36.8275, 73.7240**, and if you desaturate by 10%, it is **45.5691, 49.2937, 75.5202**.

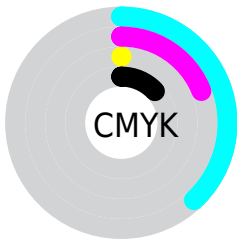
Distribution



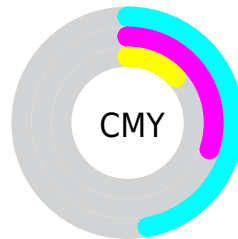
- Red (53%)
- Green (70%)
- Blue (87%)



- Red (53%)
- Yellow (65%)
- Blue (87%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3246, 42.6949, 74.5749 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 39.3246, 42.6949, 74.5749 by changing the saturation by 10% instead.

■ 39.3246, 42.6949,
74.5749

■ 39.3246, 42.6949,
74.5749

334.4520,
357.3555, 495.6716

■ 27.1942, 29.6458,
54.7651

■ 73.4248, 79.2502,
127.4520

■ 17.8565, 19.5699,
38.8163

■ 96.1254, 103.5253,
161.3563

■ 10.9461, 12.0828,
26.3101

■ 123.0800,
132.3111, 200.7959

■ 6.0976, 6.8001,
16.8280

154.6541,
165.9921, 246.1893

■ 2.9457, 3.3374,
9.9512

191.2130,
204.9526, 297.9550

■ 1.1251, 1.3103,
5.2615

233.1220,

■ 0.0460, 0.1492,

249.5771, 356.5116

2.3401

280.7466,
300.2500, 422.2776

■ 0.0000, 0.0000,
0.7535

■ 0.0000, 0.0000,
0.0000

■ 39.3246, 42.6949,
74.5749

■ 39.3246, 42.6949,
74.5749

■ 33.9962, 36.8275,
73.7240

■ 45.5691, 49.2937,
75.5202

■ 29.5300, 31.6550,
72.9610

■ 52.7713, 56.6484,
76.5602

■ 25.8722, 27.1445,
72.2832

■ 60.9750, 64.7880,
77.6990

■ 22.9608, 23.2577,
71.6864

■ 70.2202, 73.7384,
78.9393

■ 20.7231, 19.9504,
71.1659

■ 80.5443, 83.5242,
80.2840

■ 19.0532, 17.1610,
70.7155

■ 86.7994, 91.4967,
81.4932

■ 18.8237, 16.7653,
70.6513

■ 90.0513, 98.0005,
82.5771

Harmonies

Analogous

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



35.5504, 42.6949, 67.9244



39.3246, 42.6949, 74.5749



43.7132, 42.6949, 72.7116

Triad

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



39.3246, 42.6949, 74.5749



48.9248, 42.6949, 38.2740



34.3661, 42.6949, 33.0071

Complementary

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



39.3246, 42.6949, 74.5749



50.1841, 48.9915, 30.1053

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.



37.6006, 42.6949, 27.4751



39.3246, 42.6949, 74.5749



46.0635, 42.6949, 30.1145

Square

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



39.3246, 42.6949, 74.5749



49.4692, 42.6949, 50.2167



41.8623, 42.6949, 26.5207



32.8255, 42.6949, 42.9476

Rectangle

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



39.3246, 42.6949, 74.5749



46.3865, 42.6949, 67.0120



41.8623, 42.6949, 26.5207



35.2799, 42.6949, 30.6505

Sweetspot

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



39.3260, 42.6965, 74.5759



80.0394, 85.3810, 106.8694



43.9551, 60.1258, 50.9286



16.8092, 17.9556, 22.8298



0.0000, 0.0000, 0.0000



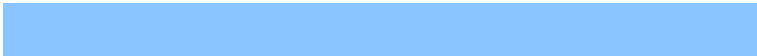
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3260, 42.6965, 74.5759



48.4572, 52.5488, 102.1967



32.2108, 28.4662, 72.2042



12.8804, 13.7005, 16.6177



11.0485, 9.9664, 41.0798



0.8020, 0.8181, 2.6901

Inverse Universe

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



46.7608, 36.2365, 47.1793



60.3682, 43.3841, 58.0402



59.7476, 68.1185, 33.2931



13.3295, 13.1609, 14.9964



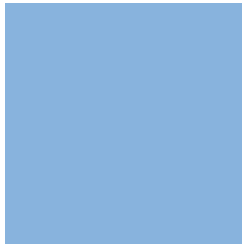
19.0721, 9.6299, 10.0257



1.2791, 0.6413, 0.8786

Previews

White Background



This preview shows how the XYZ color 39.3246, 42.6949, 74.5749 looks on a white background.

Color Contrast Check

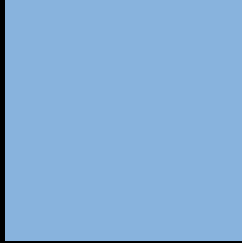
Large Text (above 18pt) WCAG AA × Fail

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 39.3246, 42.6949, 74.5749 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 39.3246, 42.6949, 74.5749

Background



This preview shows how black text looks on a background with the XYZ color 39.3246, 42.6949, 74.5749.



This preview shows how white text looks on a background with the XYZ color 39.3246, 42.6949,

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

39.3246, 42.6949, 74.5749

Protanopia

42.4570, 42.3554, 70.9034

Deuteranopia

43.6081, 42.5605, 75.7286



Tritanopia

36.3324, 42.6900, 59.7512

Trichromacy



Original Color

39.3246, 42.6949, 74.5749

Protanomaly

41.3113, 42.5919, 72.3734

Deuteranomaly

41.8384, 42.5146, 75.1083

Tritanomaly

37.3842, 42.8177, 64.6868

Monochromacy



Original Color

39.3246, 42.6949, 74.5749

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4219, 41.2153, 54.0744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3246, 42.6949, 74.5749 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(136, 179, 221)` looks like.

```
.text, #text, p{  
    color:rgb(136, 179, 221)  
}
```

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(136, 179, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 179, 221) }
```

Border

The CSS property to change the border of an element to XYZ 39.3246, 42.6949, 74.5749 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(136, 179, 221) }
```


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

```
.border{ border-color:rgb(136, 179, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 179, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 179, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 179, 221);  
box-shadow:4px 4px 4px 4px rgb(136, 179,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3246, 42.6949, 74.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 179, 221) }
```

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

```
.background{ background-color: rgb(136,  
179, 221) }
```

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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