

Converting Colors

XYZ(39.1117, 41.3668, 72.1821)

Have a look what the booklet for
XYZ(39.1117, 41.3668, 72.1821)
contains.

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Color

**XYZ(39.1402, 41.4727,
72.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAFDA
RGB	142, 175, 218
RGB Percent	56%, 69%, 85%
CMY	0.4431, 0.3137, 0.1451
CMYK	0.35, 0.20, 0.00, 0.15
HSL	214°, 51%, 71%
HSV	214°, 35%, 85%
XYZ	39.1402, 41.4727, 72.2718
YIQ	170.0350, -33.4710, 6.3770

Conversions

Conversions Part 2

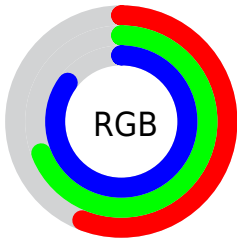
Format	Color
R _Y B	142, 165, 218
Decimal	9351130
CIE Lab	70.51, -0.88, -25.31
CIE LCh	71, 25.329, 268.010
Yxy	41.4727, 0.2560, 0.2713
Android (android.graphics.Color)	4287541210 (0xFF8EAFDA)
YUV	170.0350, 23.6467, -24.5867
Hunter-Lab	64.3993, -4.2112, -21.4584

Details

The XYZ color **39.1402, 41.4727, 72.2718** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **51.1457, 51.5571, 32.8484**, and the grayscale version is **38.1249, 40.1103, 43.6801**.

A 20% lighter version of the original color is **69.3728, 75.6839, 105.5599**, and **17.8136, 18.9341, 37.3661** is the 20% darker color. If you saturate the color by 10%, you get **33.4675, 35.1467, 71.3505**, and if you desaturate by 10%, it is **45.7663, 48.6176, 73.3024**.

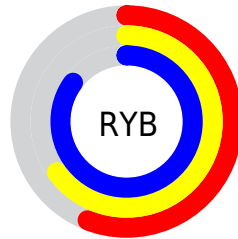
Distribution



Red (56%)

Green (69%)

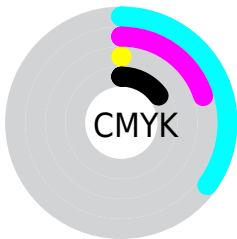
Blue (85%)



Red (56%)

Yellow (65%)

Blue (85%)

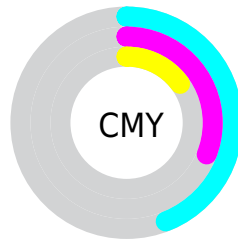


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1402, 41.4727, 72.2718 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 39.1402, 41.4727, 72.2718 by changing the saturation by 10% instead.

■ 39.1402, 41.4727,
72.2718

■ 39.1402, 41.4727,
72.2718

333.6831,
352.2924, 487.4900

■ 27.0500, 28.6886,
52.8925

■ 73.1451, 77.4010,
124.1542

■ 17.7476, 18.8454,
37.3299

■ 95.7906, 101.3139,
157.4944

■ 10.8675, 11.5586,
25.1652

122.6853,
129.7053, 196.3254

■ 6.0444, 6.4439,
15.9800

154.1944,
162.9595, 241.0656

■ 2.9130, 3.1168,
9.3558

190.6834,
201.4609, 292.1336

■ 1.1079, 1.1930,
4.8740

232.5176,

■ 0.0317, 0.0560,

245.5940, 349.9480

2.1161

280.0624,
295.7430, 414.9273

■ 0.0000, 0.0000,
0.6253

■ 0.0000, 0.0000,
0.0000

■ 39.1402, 41.4727,
72.2718

■ 39.1402, 41.4727,
72.2718

■ 33.4675, 35.1467,
71.3505

■ 45.7663, 48.6176,
73.3024

■ 28.6956, 29.6010,
70.5316

■ 53.3868, 56.6080,
74.4431

■ 24.7723, 24.8006,
69.8118

■ 62.0449, 65.4753,
75.6983

■ 21.6382, 20.7054,
69.1865

■ 71.7801, 75.2475,
77.0714

■ 19.2247, 17.2701,
68.6506

■ 82.6298, 85.9513,
78.5656

■ 17.4493, 14.4418,
68.1983

■ 87.7730, 94.0779,
79.8631

■ 16.7168, 13.1855,
67.9944

■ 89.6550, 97.8420,
80.4905

Harmonies

Analogous

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



35.3142, 41.4727, 67.6142



39.1402, 41.4727, 72.2718



43.3126, 41.4727, 68.6655

Triad

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



39.1402, 41.4727, 72.2718



46.9445, 41.4727, 35.1914



32.9904, 41.4727, 34.0323

Complementary

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



39.1402, 41.4727, 72.2718



51.1457, 51.5571, 32.8484

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.



35.7652, 41.4727, 27.7386



39.1402, 41.4727, 72.2718



43.8293, 41.4727, 28.3200

Square

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



39.1402, 41.4727, 72.2718



48.0041, 41.4727, 45.9605



39.6982, 41.4727, 25.8461



31.9231, 41.4727, 44.3623

Rectangle

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



39.1402, 41.4727, 72.2718



45.6957, 41.4727, 62.3627



39.6982, 41.4727, 25.8461



33.7443, 41.4727, 31.4480

Sweetspot

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



39.1415, 41.4743, 72.2728



81.8518, 86.6183, 107.0127



44.8586, 59.3468, 54.3295



17.1492, 18.1597, 22.8513



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.



39.1415, 41.4743, 72.2728



49.6268, 52.2708, 102.0814



34.1476, 30.5020, 70.4181



12.8014, 13.5426, 16.5914



10.1177, 8.1048, 40.7695



0.7401, 0.6943, 2.6695

Inverse Universe

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



46.3255, 37.3479, 45.3264



61.5974, 46.3217, 56.9723



57.7447, 66.4229, 35.3699



13.2896, 13.1450, 14.7865



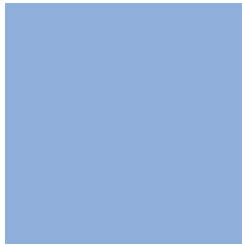
18.6023, 9.4419, 7.5515



1.2479, 0.6288, 0.7142

Previews

White Background



This preview shows how the XYZ color 39.1402, 41.4727, 72.2718 looks on a white background.

Color Contrast Check

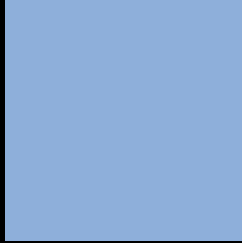
Large Text (above 18pt) WCAG AA × Fail

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 39.1402, 41.4727, 72.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

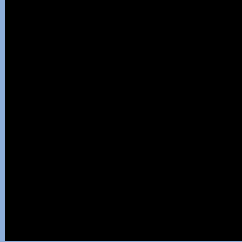
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1402, 41.4727, 72.2718

Background



This preview shows how black text looks on a background with the XYZ color 39.1402, 41.4727, 72.2718.



This preview shows how white text looks on a background with the XYZ color 39.1402, 41.4727,

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

39.1402, 41.4727, 72.2718

Protanopia

41.3384, 41.2328, 70.0699

Deuteranopia

42.2840, 41.3829, 72.7769



Tritanopia

36.0110, 41.3695, 57.1261

Trichromacy



Original Color

39.1402, 41.4727, 72.2718

Protanomaly

40.4736, 41.3329, 70.8106

Deuteranomaly

41.0594, 41.3082, 72.8271

Tritanomaly

37.1811, 41.5559, 62.5613

Monochromacy



Original Color

39.1402, 41.4727, 72.2718

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2194, 40.5665, 52.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1402, 41.4727, 72.2718 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(142, 175, 218)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 218)  
}
```

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(142, 175, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 218) }
```

Border

The CSS property to change the border of an element to XYZ 39.1402, 41.4727, 72.2718 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(142, 175, 218) }
```


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

```
.border{ border-color:rgb(142, 175, 218) }
```

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

Here you see how a box with a 4 pixel rgb(142, 175, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 218);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1402, 41.4727, 72.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 218) }
```

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

```
.background{ background-color: rgb(142,  
175, 218) }
```

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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