

Converting Colors

XYZ(39.7704, 42.4569, 47.9737)

Have a look what the booklet for
XYZ(39.7704, 42.4569, 47.9737)
contains.

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Color

**XYZ(39.7280, 42.3093,
48.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AFB2
RGB	169, 175, 178
RGB Percent	66%, 69%, 70%
CMY	0.3373, 0.3137, 0.3020
CMYK	0.05, 0.02, 0.00, 0.30
HSL	200°, 6%, 68%
HSV	200°, 5%, 70%
XYZ	39.7280, 42.3093, 48.1921
YIQ	173.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

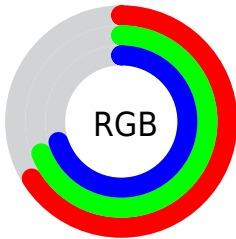
Format	Color
RYB	169, 173, 178
Decimal	11120562
CIELab	71.08, -1.52, -2.27
CIElCh	71, 2.733, 236.279
Yxy	42.3093, 0.3051, 0.3249
Android (android.graphics.Color)	4289310642 (0xFFA9AFB2)
YUV	173.5480, 2.1948, -3.9886
Hunter-Lab	65.0456, -4.8071, 1.6041

Details

The XYZ color **39.7280, 42.3093, 48.1921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2741, 41.8341, 43.4888**, and the grayscale version is **39.9921, 42.0749, 45.8195**.

A 20% lighter version of the original color is **73.8886, 78.3814, 89.0767**, and **18.1207, 19.4285, 22.1970** is the 20% darker color. If you saturate the color by 10%, you get **35.0381, 38.2174, 47.6501**, and if you desaturate by 10%, it is **44.9909, 46.7741, 48.7772**.

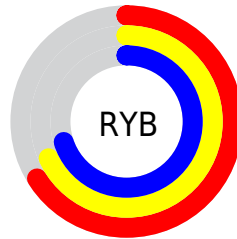
Distribution



Red (66%)

Green (69%)

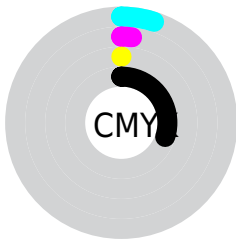
Blue (70%)



Red (66%)

Yellow (68%)

Blue (70%)

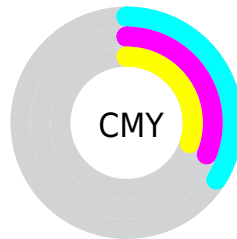


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7280, 42.3093, 48.1921 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 39.7280, 42.3093, 48.1921 by changing the saturation by 10% instead.

■ 39.7280, 42.3093,
48.1921

■ 39.7280, 42.3093,
48.1921

336.1299,
355.7635, 396.0837

■ 27.5098, 29.3436,
33.6180

■ 74.0361, 78.6675,
88.8589

■ 18.0950, 19.3409,
22.3253

■ 96.8568, 102.8288,
115.7886

■ 11.1183, 11.9168,
13.8955

123.9422,
131.4907, 147.6739

■ 6.2144, 6.6871,
7.9101

155.6579,
165.0376, 184.9334

■ 3.0178, 3.2672,
3.9505

192.3692,
203.8540, 227.9856

■ 1.1632, 1.2728,
1.5982

234.4414,

■ 0.0770, 0.1200,

248.3241, 277.2490

0.2896

282.2398,
298.8325, 333.1422

■ 0.0000, 0.0000,
0.0000

■ 39.7280, 42.3093,
48.1921

■ 39.7280, 42.3093,
48.1921

■ 35.0381, 38.2174,
47.6501

■ 44.9909, 46.7741,
48.7772

■ 30.8960, 34.4810,
47.1472

■ 50.8435, 51.6179,
49.4036

■ 27.2800, 31.0890,
46.6831

■ 57.3062, 56.8532,
50.0735

■ 24.1655, 28.0279,
46.2564

■ 64.3975, 62.4905,
50.7879

■ 21.5258, 25.2828,
45.8657

■ 71.0218, 67.9660,
51.4956

■ 19.3315, 22.8376,
45.5093

■ 72.4635, 70.8494,
51.9762

■ 17.5497, 20.6741,
45.1857

■ 73.9594, 73.8413,
52.4748

■ 16.1425, 18.7719,
44.8927

■ 75.5102, 76.9429,
52.9918

■ 15.0635, 17.1059,
44.6280

■ 77.1164, 80.1553,
53.5272

Harmonies

Analogous

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



39.4312, 42.3093, 47.1905



39.7280, 42.3093, 48.1921



40.1567, 42.3093, 48.6241

Triad

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



39.7280, 42.3093, 48.1921



41.0967, 42.3093, 46.2311



39.8260, 42.3093, 43.8484

Complementary

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



39.7280, 42.3093, 48.1921



40.2741, 41.8341, 43.4888

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.



40.2708, 42.3093, 43.6024



39.7280, 42.3093, 48.1921



41.0066, 42.3093, 44.9627

Square

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



39.7280, 42.3093, 48.1921



40.9488, 42.3093, 47.4785



40.7034, 42.3093, 44.0065



39.4875, 42.3093, 44.6850

Rectangle

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



39.7280, 42.3093, 48.1921



40.4605, 42.3093, 48.5251



40.7034, 42.3093, 44.0065



39.9680, 42.3093, 43.6945

Sweetspot

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



39.7292, 42.3111, 48.1930



74.8177, 79.1014, 87.7059



39.7152, 43.2493, 45.2096



16.5981, 17.5439, 19.4337



86.6293, 91.1408, 99.2523



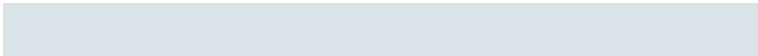
17.0014, 17.8868, 19.4787

Same Dimension

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



39.7292, 42.3111, 48.1930



71.1064, 75.9187, 87.2872



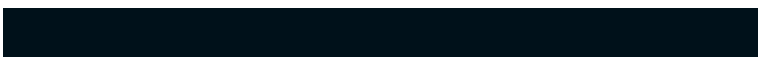
38.8955, 40.6437, 47.9151



8.8031, 9.4085, 10.8584



10.5060, 11.8124, 31.8633



0.3815, 0.4735, 1.0195

Inverse Universe

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



40.2868, 40.9368, 46.3378



72.3216, 72.9418, 83.2401



41.1162, 43.5183, 43.7695



8.9645, 9.0140, 10.3206



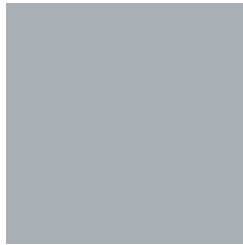
15.5376, 7.7326, 13.2569



0.5146, 0.2536, 0.5525

Previews

White Background



This preview shows how the XYZ color 39.7280, 42.3093, 48.1921 looks on a white background.

Color Contrast Check

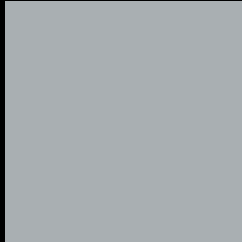
Large Text (above 18pt) WCAG AA × Fail

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 39.7280, 42.3093, 48.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

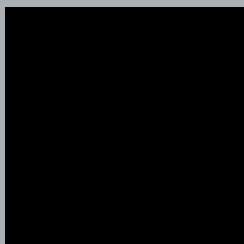
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

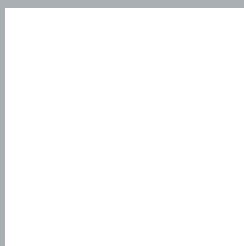
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7280, 42.3093, 48.1921

Background



This preview shows how black text looks on a background with the XYZ color 39.7280, 42.3093, 48.1921.



This preview shows how white text looks on a background with the XYZ color 39.7280, 42.3093,

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

39.7280, 42.3093, 48.1921

Protanopia

40.7839, 42.2916, 47.6085

Deuteranopia

43.0637, 42.3220, 48.5471



Tritanopia

40.9003, 42.5179, 53.0648

Trichromacy



Original Color

39.7280, 42.3093, 48.1921

Protanomaly

40.3054, 42.3307, 47.6413

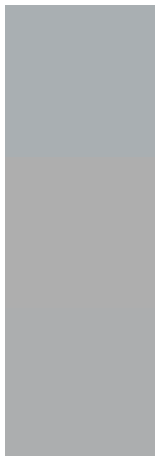
Deuteranomaly

41.7556, 42.2043, 48.5933

Tritanomaly

40.3653, 42.2788, 51.3806

Monochromacy



Original Color

39.7280, 42.3093, 48.1921

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.8872, 42.1379, 46.5886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7280, 42.3093, 48.1921 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(169, 175, 178) looks like.

```
.text, #text, p{  
    color:rgb(169, 175, 178)  
}
```

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(169, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 175, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.7280, 42.3093, 48.1921 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(169, 175, 178) }
```


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

```
.border{ border-color:rgb(169, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(169, 175,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7280, 42.3093, 48.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 175, 178) }
```

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

```
.background{ background-color: rgb(169,  
175, 178) }
```

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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