

Converting Colors

XYZ(39.2113, 42.6086, 50.8606)

Have a look what the booklet for
XYZ(39.2113, 42.6086, 50.8606)
contains.

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Color

**XYZ(39.1697, 42.5446,
50.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B1B7
RGB	162, 177, 183
RGB Percent	64%, 69%, 72%
CMY	0.3647, 0.3059, 0.2823
CMYK	0.11, 0.03, 0.00, 0.28
HSL	197°, 13%, 68%
HSV	197°, 11%, 72%
XYZ	39.1697, 42.5446, 50.9472
YIQ	173.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

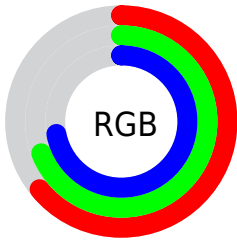
Format	Color
RYB	162, 171, 183
Decimal	10662327
CIELab	71.24, -3.97, -4.85
CIELCh	71, 6.266, 230.667
Yxy	42.5446, 0.2953, 0.3207
Android (android.graphics.Color)	4288852407 (0xFFA2B1B7)
YUV	173.1990, 4.8319, -9.8215
Hunter-Lab	65.2262, -6.9529, -0.6522

Details

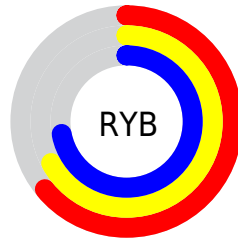
The XYZ color **39.1697, 42.5446, 50.9472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0529, 40.6810, 39.9244**, and the grayscale version is **39.8031, 41.8760, 45.6029**.

A 20% lighter version of the original color is **73.3342, 79.2615, 93.0952**, and **17.6673, 19.3420, 23.9213** is the 20% darker color. If you saturate the color by 10%, you get **34.7072, 38.7419, 50.4491**, and if you desaturate by 10%, it is **44.2153, 46.7088, 51.4857**.

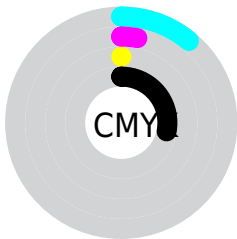
Distribution



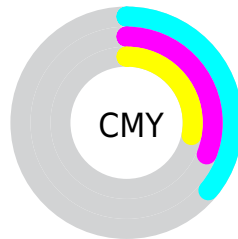
- Red (64%)
- Green (69%)
- Blue (72%)



- Red (64%)
- Yellow (67%)
- Blue (72%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1697, 42.5446, 50.9472 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 39.1697, 42.5446, 50.9472 by changing the saturation by 10% instead.

■ 39.1697, 42.5446,
50.9472

■ 39.1697, 42.5446,
50.9472

333.8062,
356.7356, 407.1993

■ 27.0731, 29.5280,
35.7902

■ 73.1899, 79.0232,
92.9874

■ 17.7650, 19.4806,
23.9838

■ 95.8442, 103.2539,
120.7077

■ 10.8801, 12.0180,
15.1095

122.7484,
131.9915, 153.4528

■ 6.0529, 6.7560,
8.7488

154.2680,
165.6203, 191.6412

■ 2.9183, 3.3100,
4.4831

190.7682,
204.5247, 235.6915

■ 1.1107, 1.2956,
1.8939

232.6144,

■ 0.0340, 0.1378,

249.0891, 286.0223

0.4889

280.1719,
299.6980, 343.0520

■ 0.0000, 0.0000,
0.0000

■ 39.1697, 42.5446,
50.9472

■ 39.1697, 42.5446,
50.9472

■ 34.7072, 38.7419,
50.4491

■ 44.2153, 46.7088,
51.4857

■ 30.8002, 35.2826,
49.9873

■ 49.8624, 51.2413,
52.0629

■ 27.4248, 32.1546,
49.5614

■ 56.1334, 56.1555,
52.6809

■ 24.5532, 29.3432,
49.1701

■ 63.0484, 61.4621,
53.3408

■ 22.1556, 26.8320,
48.8118

■ 70.6264, 67.1718,
54.0434

■ 20.1984, 24.6033,
48.4847

■ 72.4315, 69.9672,
54.4879

■ 18.6434, 22.6366,
48.1871

■ 73.7297, 72.5637,
54.9206

■ 17.4454, 20.9078,
47.9165

■ 75.0704, 75.2450,
55.3675

■ 16.6286, 19.5814,
47.7036

■ 76.4539, 78.0119,
55.8287

Harmonies

Analogous

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



38.5755, 42.5446, 48.3971



39.1697, 42.5446, 50.9472



40.1105, 42.5446, 52.2741

Triad

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



39.1697, 42.5446, 50.9472



42.4649, 42.5446, 47.2690



39.7282, 42.5446, 41.1159

Complementary

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



39.1697, 42.5446, 50.9472



40.0529, 40.6810, 39.9244

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.



40.7660, 42.5446, 40.8432



39.1697, 42.5446, 50.9472



42.3582, 42.5446, 44.3106

Square

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



39.1697, 42.5446, 50.9472



42.0210, 42.5446, 50.0907



41.7321, 42.5446, 41.9890



38.8940, 42.5446, 42.7507

Rectangle

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



39.1697, 42.5446, 50.9472



40.8127, 42.5446, 52.2487



41.7321, 42.5446, 41.9890



40.0644, 42.5446, 40.8647

Sweetspot

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



39.1709, 42.5464, 50.9481



77.6947, 82.4364, 92.0526



38.8977, 44.3744, 43.5371



16.9939, 18.0715, 20.3141



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.1709, 42.5464, 50.9481



67.8481, 74.2578, 90.9929



37.1847, 38.5739, 50.2861



9.0441, 9.7654, 11.4877



11.6610, 13.7817, 33.2986



0.4611, 0.5858, 1.1905

Inverse Universe

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



40.3856, 39.0832, 47.0123



70.5135, 66.7749, 82.3300



42.0608, 44.6968, 40.5937



9.2686, 9.1178, 10.7619



16.4996, 8.1736, 15.7837



0.6069, 0.2982, 0.6892

Previews

White Background



This preview shows how the XYZ color 39.1697, 42.5446, 50.9472 looks on a white background.

Color Contrast Check

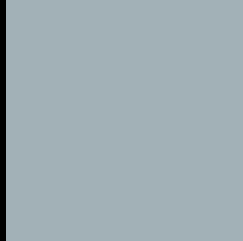
Large Text (above 18pt) WCAG AA × Fail

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 39.1697, 42.5446, 50.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

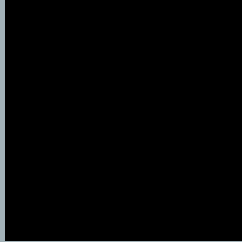
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

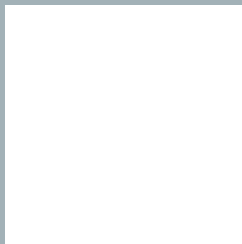
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1697, 42.5446, 50.9472

Background



This preview shows how black text looks on a background with the XYZ color 39.1697, 42.5446, 50.9472.



This preview shows how white text looks on a background with the XYZ color 39.1697, 42.5446,

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

39.1697, 42.5446, 50.9472

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

43.1946, 42.3178, 51.7905



Tritanopia

39.9239, 42.5549, 54.8249

Trichromacy



Original Color

39.1697, 42.5446, 50.9472

Protanomaly

40.1571, 42.1956, 50.2840

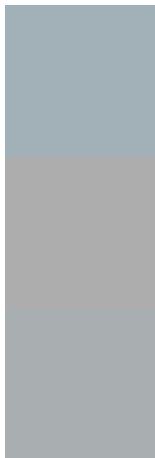
Deuteranomaly

41.5357, 42.3129, 51.3254

Tritanomaly

39.5992, 42.4251, 53.1155

Monochromacy



Original Color

39.1697, 42.5446, 50.9472

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4340, 41.8814, 47.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1697, 42.5446, 50.9472 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(162, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 183)  
}
```

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(162, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.1697, 42.5446, 50.9472 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(162, 177, 183) }
```


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

```
.border{ border-color:rgb(162, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1697, 42.5446, 50.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 183) }
```

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

```
.background{ background-color: rgb(162,  
177, 183) }
```

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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