

Converting Colors

XYZ(40.6142, 43.2307, 39.3375)

Have a look what the booklet for
XYZ(40.6142, 43.2307, 39.3375)
contains.

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Color

**XYZ(40.6929, 43.2920,
39.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B0A0
RGB	180, 176, 160
RGB Percent	71%, 69%, 63%
CMY	0.2941, 0.3098, 0.3725
CMYK	0.00, 0.02, 0.11, 0.29
HSL	48°, 12%, 67%
HSV	48°, 11%, 71%
XYZ	40.6929, 43.2920, 39.4692
YIQ	175.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

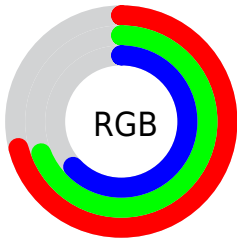
Format	Color
RYB	165, 180, 160
Decimal	11841696
CIELab	71.75, -1.40, 8.69
CIELCh	72, 8.806, 99.140
Yxy	43.2920, 0.3296, 0.3507
Android (android.graphics.Color)	4290031776 (0xFFB4B0A0)
YUV	175.3720, -7.5784, 4.0588
Hunter-Lab	65.7967, -4.7482, 10.4916

Details

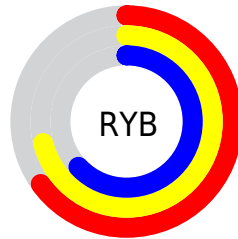
The XYZ color **40.6929, 43.2920, 39.4692** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0109, 37.3193, 48.4859**, and the grayscale version is **40.9766, 43.1106, 46.9474**.

A 20% lighter version of the original color is **75.7144, 80.4524, 75.8283**, and **18.7204, 20.0315, 17.3478** is the 20% darker color. If you saturate the color by 10%, you get **38.5354, 41.3168, 31.5356**, and if you desaturate by 10%, it is **43.0995, 45.3996, 48.6117**.

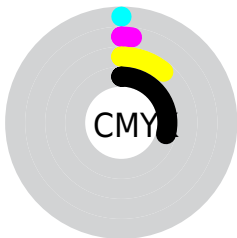
Distribution



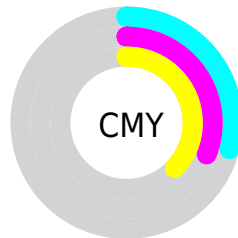
- Red (71%)
- Green (69%)
- Blue (63%)



- Red (65%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (29%)





- Cyan (29%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6929, 43.2920, 39.4692 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 40.6929, 43.2920, 39.4692 by changing the saturation by 10% instead.

 40.6929, 43.2920,
39.4692


 40.6929, 43.2920,
39.4692


340.1200,
359.8112, 359.3666

 28.2658, 30.1143,
26.8143


 75.4951, 80.1513,
75.5828

 18.6676, 19.9254,
17.2026


 98.6010, 104.6017,
99.8785

 11.5329, 12.3408,
10.2156

125.9972,
133.5785, 128.8916

 6.4964, 6.9762,
5.4346

158.0490,
167.4659, 163.0407

 3.1927, 3.4472,
2.4413

195.1218,
206.6486, 202.7441

 1.2565, 1.3694,
0.8088

237.5811,

 0.1503, 0.1940,

251.5107, 248.4206

0.0000

285.7920,
302.4368, 300.4885

■ 0.0000, 0.0000,
0.0000

■ 40.6929, 43.2920,
39.4692

■ 40.6929, 43.2920,
39.4692

■ 38.5354, 41.3168,
31.5356

■ 43.0995, 45.3996,
48.6117

■ 36.6135, 39.4641,
24.7568

■ 45.7610, 47.6379,
59.0087

■ 34.9178, 37.7313,
19.0785

■ 48.6874, 50.0124,
70.7068

■ 33.4369, 36.1137,
14.4411

■ 51.8869, 52.5268,
83.7492

■ 32.1583, 34.6059,
10.7792

■ 55.3676, 55.1845,
98.1775

■ 31.0679, 33.2022,
8.0201

■ 56.9723, 57.1227,
102.6308

■ 30.1499, 31.8959,
6.0809

■ 57.8020, 58.7822,
102.9074

■ 29.3854, 30.6794,
4.8632

■ 58.6514, 60.4810,
103.1905

■ 28.8005, 29.6593,
4.2069

■ 59.5206, 62.2194,
103.4802

Harmonies

Analogous

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



42.1797, 43.2920, 39.8569



40.6929, 43.2920, 39.4692



39.3601, 43.2920, 41.0375

Triad

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



40.6929, 43.2920, 39.4692



38.9586, 43.2920, 52.5264



43.8922, 43.2920, 50.1297

Complementary

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



40.6929, 43.2920, 39.4692



36.0109, 37.3193, 48.4859

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.



42.9887, 43.2920, 53.8142



40.6929, 43.2920, 39.4692



40.1328, 43.2920, 55.2550

Square

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



40.6929, 43.2920, 39.4692



38.3749, 43.2920, 48.4572



41.6060, 43.2920, 55.7401



44.0510, 43.2920, 45.8422

Rectangle

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



40.6929, 43.2920, 39.4692



38.7296, 43.2920, 43.0404



41.6060, 43.2920, 55.7401



43.6645, 43.2920, 51.4870

Sweetspot

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



40.6941, 43.2939, 39.4701



77.2656, 81.5588, 84.7505



38.0946, 37.5259, 40.3580



16.6224, 17.5607, 18.0208



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.



40.6941, 43.2939, 39.4701



72.9230, 77.7240, 68.3497



40.1225, 44.1798, 39.6712



9.0500, 9.6124, 9.0309



20.1488, 20.7961, 2.9521



0.6707, 0.7278, 0.1051

Inverse Universe

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



36.0109, 37.3193, 48.4859



62.9626, 65.0171, 87.5257



36.5355, 36.5446, 48.3087



8.1749, 8.4961, 10.7154



6.2287, 3.2578, 30.4375



0.2362, 0.1830, 0.9711

Previews

White Background



This preview shows how the XYZ color 40.6929, 43.2920, 39.4692 looks on a white background.

Color Contrast Check

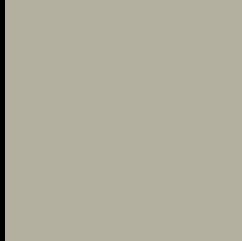
Large Text (above 18pt) WCAG AA × Fail

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 40.6929, 43.2920, 39.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

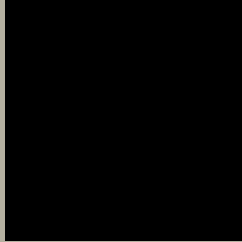
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

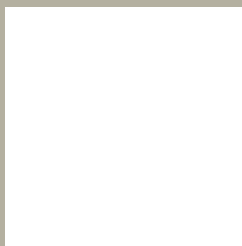
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6929, 43.2920, 39.4692

Background



This preview shows how black text looks on a background with the XYZ color 40.6929, 43.2920, 39.4692.



This preview shows how white text looks on a background with the XYZ color 40.6929, 43.2920,

39.4692.

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

40.6929, 43.2920, 39.4692

Protanopia

41.2036, 43.2653, 39.4371

Deuteranopia

44.0965, 43.3284, 39.7573



Tritanopia

43.3826, 43.2406, 52.5141

Trichromacy



Original Color

40.6929, 43.2920, 39.4692

Protanomaly

40.9665, 43.1431, 39.4260

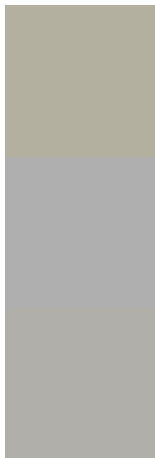
Deuteranomaly

42.6714, 43.1546, 39.7989

Tritanomaly

42.4078, 43.1287, 47.6845

Monochromacy



Original Color

40.6929, 43.2920, 39.4692

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7171, 42.9093, 44.1665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6929, 43.2920, 39.4692 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(180, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 160)  
}
```

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(180, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 160) }
```

Border

The CSS property to change the border of an element to XYZ 40.6929, 43.2920, 39.4692 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(180, 176, 160) }
```


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

```
.border{ border-color:rgb(180, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6929, 43.2920, 39.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 160) }
```

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

```
.background{ background-color: rgb(180,  
176, 160) }
```

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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