

Converting Colors

XYZ(40.6923, 44.2434, 36.5321)

Have a look what the booklet for
XYZ(40.6923, 44.2434, 36.5321)
contains.

XYZ(40.6923, 44.2434, 36.5321)	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(40.6923, 44.2434,
36.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B399
RGB	180, 179, 153
RGB Percent	71%, 70%, 60%
CMY	0.2941, 0.2980, 0.4000
CMYK	0.00, 0.01, 0.15, 0.29
HSL	58°, 15%, 65%
HSV	58°, 15%, 71%
XYZ	40.6923, 44.2434, 36.5321
YIQ	176.3350, 8.9420, -7.8740

Conversions

Conversions Part 2

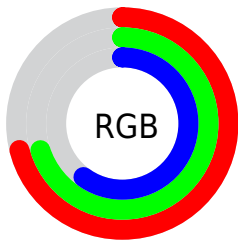
Format	Color
RYB	154, 180, 153
Decimal	11842457
CIELab	72.39, -4.15, 13.42
CIELCh	72, 14.051, 107.185
Yxy	44.2434, 0.3350, 0.3642
Android (android.graphics.Color)	4290032537 (0xFFB4B399)
YUV	176.3350, -11.5042, 3.2142
Hunter-Lab	66.5157, -7.2016, 13.9974

Details

The XYZ color **40.6923, 44.2434, 36.5321** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.9307, 33.1783, 47.8489**, and the grayscale version is **41.4976, 43.6587, 47.5443**.

A 20% lighter version of the original color is **75.5629, 81.7545, 70.8291**, and **18.6115, 20.3930, 15.5257** is the 20% darker color. If you saturate the color by 10%, you get **39.1840, 43.4290, 29.2396**, and if you desaturate by 10%, it is **42.4279, 45.1527, 45.0080**.

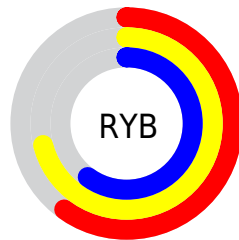
Distribution



Red (71%)

Green (70%)

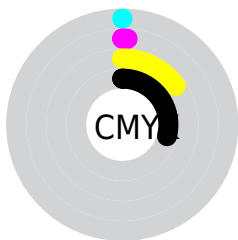
Blue (60%)



Red (60%)

Yellow (71%)

Blue (60%)

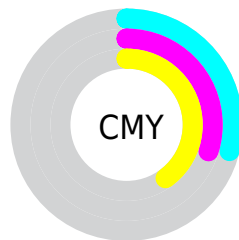


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6923, 44.2434, 36.5321 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 40.6923, 44.2434, 36.5321 by changing the saturation by 10% instead.


 40.6923, 44.2434,
36.5321


 40.6923, 44.2434,
36.5321


340.1175,
363.7006, 346.3878

 28.2653, 30.8619,
24.5525


 75.4942, 81.5839,
71.0308

 18.6672, 20.4937,
15.5280


 98.5999, 106.3116,
94.3870

 11.5327, 12.7544,
9.0400


125.9959,
135.5903, 122.3725

 6.4962, 7.2597,
4.6701

158.0475,
169.8042, 155.4058

 3.1926, 3.6250,
1.9997

195.1201,
209.3378, 193.9054

 1.2564, 1.4661,
0.5551

237.5791,

 0.1502, 0.2647,

254.5755, 238.2899

0.0000

285.7898,
305.9016, 288.9779

■ 0.0000, 0.0000,
0.0000

■ 40.6923, 44.2434,
36.5321

■ 40.6923, 44.2434,
36.5321

■ 39.1840, 43.4290,
29.2396

■ 42.4279, 45.1527,
45.0080

■ 37.8895, 42.6997,
23.0749

■ 44.3967, 46.1548,
54.7138

■ 36.7992, 42.0531,
17.9822

■ 46.6086, 47.2552,
65.6972

■ 35.9014, 41.4845,
13.8999

■ 49.0722, 48.4572,
78.0022

■ 35.1831, 40.9888,
10.7601

■ 51.7953, 49.7642,
91.6710

■ 34.6299, 40.5601,
8.4864

■ 53.8041, 50.7864,
101.5747

■ 34.2250, 40.1917,
6.9909

■ 53.9414, 51.0610,
101.6205

■ 33.9481, 39.8756,
6.1660

■ 54.0794, 51.3370,
101.6665

■ 33.8349, 39.7280,
5.8850

■ 54.2180, 51.6143,
101.7127

Harmonies

Analogous

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



43.0924, 44.2434, 36.3138



40.6923, 44.2434, 36.5321



38.7306, 44.2434, 39.6733

Triad

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



40.6923, 44.2434, 36.5321



38.9686, 44.2434, 58.6239



46.7538, 44.2434, 51.1898

Complementary

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



40.6923, 44.2434, 36.5321



32.9307, 33.1783, 47.8489

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.



45.5581, 44.2434, 57.8087



40.6923, 44.2434, 36.5321



41.0285, 44.2434, 62.3694

Square

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



40.6923, 44.2434, 36.5321



37.7619, 44.2434, 52.2187



43.4417, 44.2434, 62.0575



46.6553, 44.2434, 44.3429

Rectangle

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



40.6923, 44.2434, 36.5321



37.9076, 44.2434, 43.1893



43.4417, 44.2434, 62.0575



46.4880, 44.2434, 53.5272

Sweetspot

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



40.6935, 44.2454, 36.5330



77.2442, 82.0324, 83.1514



36.0761, 34.8312, 35.5472



16.6408, 17.7021, 17.7046



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.



40.6935, 44.2454, 36.5330



72.8354, 79.7178, 61.6338



38.1881, 43.2513, 36.4732



9.1696, 9.8518, 9.0708



23.6256, 27.7498, 4.1111



0.7516, 0.8896, 0.1321

Inverse Universe

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



32.9307, 33.1783, 47.8489



56.0465, 55.7828, 86.1078



35.1783, 34.0938, 47.9072



8.0663, 8.2788, 10.6791



5.8111, 2.4225, 30.2983



0.1911, 0.0928, 0.9561

Previews

White Background



This preview shows how the XYZ color 40.6923, 44.2434, 36.5321 looks on a white background.

Color Contrast Check

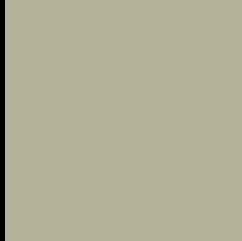
Large Text (above 18pt) WCAG AA × Fail

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 40.6923, 44.2434, 36.5321 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 40.6923, 44.2434, 36.5321

Background



This preview shows how black text looks on a background with the XYZ color 40.6923, 44.2434, 36.5321.



This preview shows how white text looks on a background with the XYZ color 40.6923, 44.2434,

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

40.6923, 44.2434, 36.5321

Protanopia

41.6393, 44.1504, 36.0330

Deuteranopia

45.1079, 44.1889, 37.1622



Tritanopia

44.2207, 44.2172, 53.7810

Trichromacy



Original Color

40.6923, 44.2434, 36.5321

Protanomaly

41.3551, 44.2981, 36.0765

Deuteranomaly

43.4745, 44.2073, 36.8134

Tritanomaly

42.7916, 44.2131, 46.8361

Monochromacy



Original Color

40.6923, 44.2434, 36.5321

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9215, 43.6185, 43.3082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6923, 44.2434, 36.5321 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, 179, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 153)  
}
```

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, 179, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.6923, 44.2434, 36.5321 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, 179, 153) }
```


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

```
.border{ border-color:rgb(180, 179, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6923, 44.2434, 36.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 153) }
```

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

```
.background{ background-color: rgb(180,  
179, 153) }
```

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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