

Converting Colors

XYZ(41.6933, 42.1589, 36.5119)

Have a look what the booklet for
XYZ(41.6933, 42.1589, 36.5119)
contains.

XYZ(41.6933, 42.1589, 36.5119)	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(41.6933, 42.1589,
36.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAA9A
RGB	191, 170, 154
RGB Percent	75%, 67%, 60%
CMY	0.2510, 0.3333, 0.3961
CMYK	0.00, 0.11, 0.19, 0.25
HSL	26°, 22%, 68%
HSV	26°, 19%, 75%
XYZ	41.6933, 42.1589, 36.5119
YIQ	174.4550, 17.6520, -0.5240

Conversions

Conversions Part 2

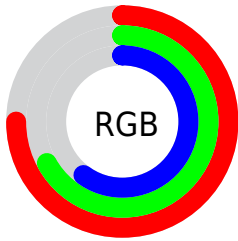
Format	Color
RYB	191, 182, 154
Decimal	12561050
CIELab	70.98, 4.99, 11.02
CIELCh	71, 12.096, 65.618
Yxy	42.1589, 0.3464, 0.3503
Android (android.graphics.Color)	4290751130 (0xFFBFAA9A)
YUV	174.4550, -10.0843, 14.5100
Hunter-Lab	64.9299, 0.9926, 12.1105

Details

The XYZ color **41.6933, 42.1589, 36.5119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0601, 41.2906, 55.2544**, and the grayscale version is **40.5110, 42.6208, 46.4140**.

A 20% lighter version of the original color is **77.0218, 78.3610, 70.7402**, and **19.2431, 19.2545, 15.5342** is the 20% darker color. If you saturate the color by 10%, you get **38.2789, 37.6764, 28.1400**, and if you desaturate by 10%, it is **45.5307, 47.0816, 46.2746**.

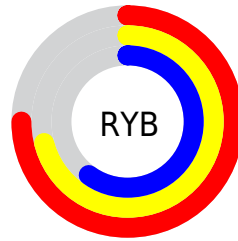
Distribution



Red (75%)

Green (67%)

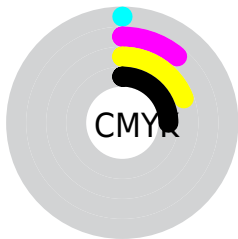
Blue (60%)



Red (75%)

Yellow (71%)

Blue (60%)

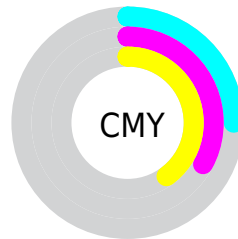


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6933, 42.1589, 36.5119 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 41.6933, 42.1589, 36.5119 by changing the saturation by 10% instead.


 41.6933, 42.1589,
36.5119

 41.6933, 42.1589,
36.5119


344.2233,
355.1412, 346.2973

 29.0513, 29.2257,
24.5370


 77.0033, 78.4401,
70.9994

 19.2641, 19.2517,
15.5166


 100.4020,
102.5568, 94.3490

 11.9664, 11.8523,
9.0321

128.1170,
131.1703, 122.3273

 6.7928, 6.6432,
4.6650

160.5136,
164.6648, 155.3527

 3.3781, 3.2400,
1.9968

197.9571,
203.4247, 193.8439

 1.3567, 1.2583,
0.5533

240.8130,

 0.2251, 0.1085,

247.8345, 238.2194

0.0000

289.4466,
298.2785, 288.8977

■ 0.0000, 0.0000,
0.0000

■ 41.6933, 42.1589,
36.5119

■ 41.6933, 42.1589,
36.5119

■ 38.2789, 37.6764,
28.1400

■ 45.5307, 47.0816,
46.2746

■ 35.2682, 33.6155,
21.0921

■ 49.8026, 52.4509,
57.4855

■ 32.6450, 29.9646,
15.2995

■ 54.5246, 58.2805,
70.2019

■ 30.3911, 26.7093,
10.6866

■ 59.7101, 64.5816,
84.4774

■ 28.4862, 23.8344,
7.1693

■ 65.3721, 71.3651,
100.3627

■ 26.9077, 21.3232,
4.6521

■ 69.2547, 77.7340,
105.9618

■ 25.6296, 19.1573,
3.0229

■ 72.4538, 84.1320,
107.0281

■ 24.6085, 17.3109,
2.0788

■ 75.2960, 89.8164,
107.9755

■ 24.5498, 17.2041,
2.0268

Harmonies

Analogous

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



43.3071, 42.1589, 39.7341



41.6933, 42.1589, 36.5119



39.6923, 42.1589, 35.7132

Triad

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



41.6933, 42.1589, 36.5119



36.3335, 42.1589, 46.9999



42.3722, 42.1589, 55.5385

Complementary

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



41.6933, 42.1589, 36.5119



38.0601, 41.2906, 55.2544

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.



40.4517, 42.1589, 57.8693



41.6933, 42.1589, 36.5119



36.9999, 42.1589, 52.6814

Square

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



41.6933, 42.1589, 36.5119



36.6410, 42.1589, 41.4694



38.4909, 42.1589, 56.7824



43.7082, 42.1589, 50.6437

Rectangle

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



41.6933, 42.1589, 36.5119



38.4171, 42.1589, 36.5989



38.4909, 42.1589, 56.7824



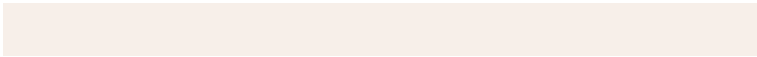
41.7712, 42.1589, 56.6657

Sweetspot

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



41.6944, 42.1608, 36.5128



83.9647, 87.3840, 89.1649



40.8372, 37.3062, 45.9074



18.3293, 19.0516, 19.2964



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.6944, 42.1608, 36.5128



72.1433, 72.2105, 59.1146



45.2843, 49.3406, 37.7094



9.8604, 10.1968, 10.0251



16.2106, 11.4601, 1.3576



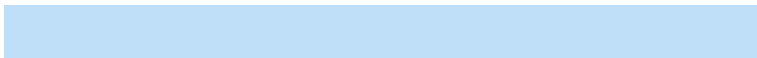
0.7001, 0.5790, 0.0749

Inverse Universe

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



38.0601, 41.2906, 55.2544



64.5118, 70.3815, 98.4640



34.8020, 34.7744, 54.1683



9.4536, 10.0996, 12.1234



9.8125, 9.7366, 33.7551



0.4482, 0.5091, 1.3435

Previews

White Background



This preview shows how the XYZ color 41.6933, 42.1589, 36.5119 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 41.6933, 42.1589, 36.5119 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 41.6933, 42.1589, 36.5119

Background



This preview shows how black text looks on a background with the XYZ color 41.6933, 42.1589, 36.5119.



This preview shows how white text looks on a background with the XYZ color 41.6933, 42.1589,

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

41.6933, 42.1589, 36.5119

Protanopia

40.0004, 42.1112, 37.4725

Deuteranopia

42.9402, 41.9763, 36.4109



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

41.6933, 42.1589, 36.5119

Protanomaly

40.6765, 42.1859, 37.0092

Deuteranomaly

42.3410, 41.9405, 36.4356

Tritanomaly

43.0667, 41.8772, 43.8435

Monochromacy



Original Color

41.6933, 42.1589, 36.5119

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7410, 42.3805, 42.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6933, 42.1589, 36.5119 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(191, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(191, 170, 154)  
}
```

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(191, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 170, 154) }
```

Border

The CSS property to change the border of an element to XYZ 41.6933, 42.1589, 36.5119 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(191, 170, 154) }
```


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

```
.border{ border-color:rgb(191, 170, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 170, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(191, 170,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6933, 42.1589, 36.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 170, 154) }
```

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

```
.background{ background-color: rgb(191,  
170, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor