

Converting Colors

XYZ(39.6466, 42.2725, 33.1561)

Have a look what the booklet for
XYZ(39.6466, 42.2725, 33.1561)
contains.

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Color

**XYZ(39.6158, 42.2925,
33.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AE92
RGB	182, 174, 146
RGB Percent	71%, 68%, 57%
CMY	0.2863, 0.3176, 0.4274
CMYK	0.00, 0.04, 0.20, 0.29
HSL	47°, 20%, 64%
HSV	47°, 20%, 71%
XYZ	39.6158, 42.2925, 33.2694
YIQ	173.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

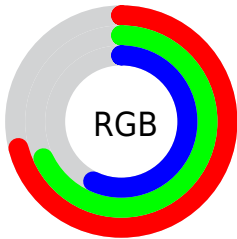
Format	Color
R_{YB}	156, 182, 146
Decimal	11972242
CIE _{Lab}	71.07, -1.82, 15.42
CIE _{LCh}	71, 15.524, 96.733
Yxy	42.2925, 0.3440, 0.3672
Android (android.graphics.Color)	4290162322 (0xFFB6AE92)
YUV	173.2000, -13.4096, 7.7176
Hunter-Lab	65.0327, -5.0708, 15.1913

Details

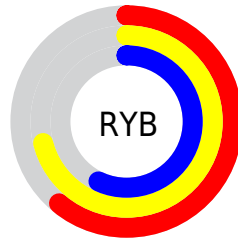
The XYZ color **39.6158, 42.2925, 33.2694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8531, 32.5990, 48.8698**, and the grayscale version is **39.8848, 41.9619, 45.6966**.

A 20% lighter version of the original color is **73.7045, 78.3859, 65.8889**, and **18.0784, 19.4124, 13.6206** is the 20% darker color. If you saturate the color by 10%, you get **37.5424, 40.2336, 26.1407**, and if you desaturate by 10%, it is **41.9404, 44.4923, 41.5948**.

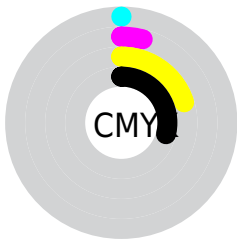
Distribution



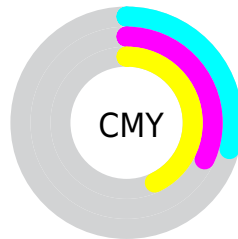
- Red (71%)
- Green (68%)
- Blue (57%)



- Red (61%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6158, 42.2925, 33.2694 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 39.6158, 42.2925, 33.2694 by changing the saturation by 10% instead.


 39.6158, 42.2925,
33.2694


 39.6158, 42.2925,
33.2694


335.6638,
355.6940, 331.5311

 27.4220, 29.3304,
22.0601


 73.8662, 78.6421,
65.9168

 18.0286, 19.3309,
13.7023

 96.6535, 102.7984,
88.1919

 11.0704, 11.9096,
7.7775


123.7026,
131.4549, 114.9927

 6.1818, 6.6822,
3.8672

155.3790,
164.9960, 146.7378

 2.9977, 3.2641,
1.5528

192.0479,
203.8061, 183.8456

 1.1525, 1.2711,
0.2568

234.0748,

 0.0684, 0.1187,

248.2695, 226.7347

0.0000

281.8250,
298.7707, 275.8237

■ 0.0000, 0.0000,
0.0000

■ 39.6158, 42.2925,
33.2694

■ 39.6158, 42.2925,
33.2694

■ 37.5424, 40.2336,
26.1407

■ 41.9404, 44.4923,
41.5948

■ 35.7059, 38.3054,
20.1501

■ 44.5230, 46.8319,
51.1667

■ 34.0959, 36.5047,
15.2376

■ 47.3742, 49.3171,
62.0352

■ 32.6994, 34.8260,
11.3370

■ 50.5031, 51.9520,
74.2470

■ 31.5024, 33.2634,
8.3747

■ 53.9182, 54.7402,
87.8463

■ 30.4887, 31.8101,
6.2670

■ 57.5952, 57.6724,
102.7040

■ 29.6394, 30.4581,
4.9152

■ 58.5333, 59.5485,
103.0167

■ 28.9168, 29.1921,
4.1221

■ 59.4962, 61.4744,
103.3377

■ 28.9014, 29.1648,
4.1061

■ 60.4841, 63.4503,
103.6670

Harmonies

Analogous

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



42.2005, 42.2925, 34.1329



39.6158, 42.2925, 33.2694



37.2877, 42.2925, 35.5230

Triad

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



39.6158, 42.2925, 33.2694



36.3312, 42.2925, 55.1325



44.9565, 42.2925, 51.9261

Complementary

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



39.6158, 42.2925, 33.2694



31.8531, 32.5990, 48.8698

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.



43.2554, 42.2925, 58.4733



39.6158, 42.2925, 33.2694



38.2594, 42.2925, 60.4592

Square

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



39.6158, 42.2925, 33.2694



35.4448, 42.2925, 47.7445



40.7854, 42.2925, 61.7431



45.3577, 42.2925, 44.3948

Rectangle

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



39.6158, 42.2925, 33.2694



36.1697, 42.2925, 38.6492



40.7854, 42.2925, 61.7431



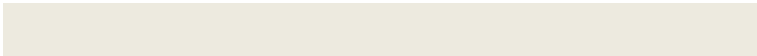
44.5143, 42.2925, 54.3385

Sweetspot

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



39.6169, 42.2944, 33.2703



77.7036, 82.1934, 81.5257



35.4369, 32.8499, 35.2203



17.0965, 18.0939, 17.7636



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.



39.6169, 42.2944, 33.2703



70.0296, 74.9198, 54.0751



39.0179, 44.3477, 33.6982



9.5764, 10.1558, 9.5624



20.4606, 20.6976, 2.9166



0.7637, 0.8145, 0.1170

Inverse Universe

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



31.8531, 32.5990, 48.8698



53.2275, 53.9399, 87.8418



32.3559, 30.9638, 48.5276



8.6786, 9.0344, 11.3658



6.5506, 3.5609, 31.5951



0.2778, 0.2193, 1.1294

Previews

White Background



This preview shows how the XYZ color 39.6158, 42.2925, 33.2694 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 39.6158, 42.2925, 33.2694 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

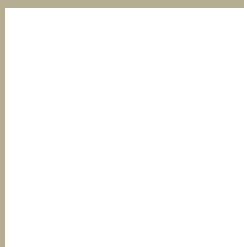
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6158, 42.2925, 33.2694

Background



This preview shows how black text looks on a background with the XYZ color 39.6158, 42.2925, 33.2694.



This preview shows how white text looks on a background with the XYZ color 39.6158, 42.2925,

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

39.6158, 42.2925, 33.2694

Protanopia

39.8528, 42.4147, 33.2805

Deuteranopia

42.9046, 42.0234, 33.4538



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

39.6158, 42.2925, 33.2694

Protanomaly

39.8528, 42.4147, 33.2805

Deuteranomaly

41.6335, 42.1935, 33.5536

Tritanomaly

41.7319, 42.3047, 43.5022

Monochromacy



Original Color

39.6158, 42.2925, 33.2694

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4589, 41.7616, 40.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6158, 42.2925, 33.2694 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(182, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 146)  
}
```

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(182, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 146) }
```

Border

The CSS property to change the border of an element to XYZ 39.6158, 42.2925, 33.2694 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(182, 174, 146) }
```


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

```
.border{ border-color:rgb(182, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6158, 42.2925, 33.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 146) }
```

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

```
.background{ background-color: rgb(182,  
174, 146) }
```

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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