

Converting Colors

XYZ(39.8597, 42.0485, 21.2285)

Have a look what the booklet for
XYZ(39.8597, 42.0485, 21.2285)
contains.

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Color

**XYZ(39.9253, 42.1442,
21.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AC70
RGB	194, 172, 112
RGB Percent	76%, 67%, 44%
CMY	0.2392, 0.3255, 0.5608
CMYK	0.00, 0.11, 0.42, 0.24
HSL	44°, 40%, 60%
HSV	44°, 42%, 76%
XYZ	39.9253, 42.1442, 21.3596
YIQ	171.7380, 32.3720, -13.9960

Conversions

Conversions Part 2

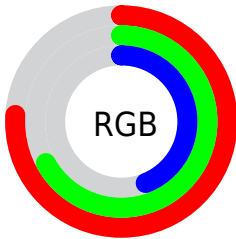
Format	Color
RYB	142, 194, 112
Decimal	12758128
CIELab	70.97, -0.41, 33.74
CIElCh	71, 33.742, 90.697
Yxy	42.1442, 0.3860, 0.4075
Android (android.graphics.Color)	4290948208 (0xFFC2AC70)
YUV	171.7380, -29.4508, 19.5238
Hunter-Lab	64.9186, -3.8289, 25.9353

Details

The XYZ color **39.9253, 42.1442, 21.3596** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.9446, 24.3893, 54.4318**, and the grayscale version is **39.2138, 41.2559, 44.9277**.

A 20% lighter version of the original color is **74.3148, 78.3140, 46.3213**, and **18.2611, 19.2808, 7.4617** is the 20% darker color. If you saturate the color by 10%, you get **37.9886, 39.8172, 15.9470**, and if you desaturate by 10%, it is **42.1356, 44.6458, 28.0125**.

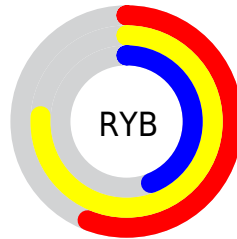
Distribution



Red (76%)

Green (67%)

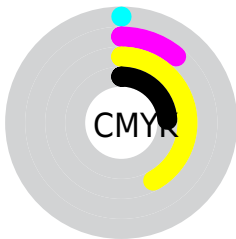
Blue (44%)



Red (56%)

Yellow (76%)

Blue (44%)

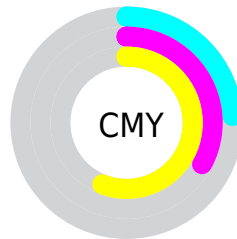


Cyan (0%)

Magenta (11%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9253, 42.1442, 21.3596 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 39.9253, 42.1442, 21.3596 by changing the saturation by 10% instead.


 39.9253, 42.1442,
21.3596


 39.9253, 42.1442,
21.3596


336.9484,
355.0804, 272.0270

 27.6643, 29.2142,
13.1933


 74.3348, 78.4178,
46.5738


 18.2119, 19.2429,
7.4295


 97.2140, 102.5302,
64.4588

 11.2028, 11.8459,
3.6496


 124.3633,
131.1389, 86.4204

 6.2717, 6.6389,
1.4352

 156.1480,
164.6283, 112.8772

 3.0532, 3.2373,
0.1689

192.9335,
203.3827, 144.2477

 1.1820, 1.2568,
0.0000

235.0852,

 0.0921, 0.1074,

247.7866, 180.9505

0.0000

282.9684,
298.2244, 223.4041

■ 0.0000, 0.0000,
0.0000

■ 39.9253, 42.1442,
21.3596

■ 39.9253, 42.1442,
21.3596

■ 37.9886, 39.8172,
15.9470

■ 42.1356, 44.6458,
28.0125

■ 36.3069, 37.6521,
11.6925

■ 44.6306, 47.3224,
35.9757

■ 34.8639, 35.6430,
8.5079

■ 47.4243, 50.1820,
45.3170

■ 33.6399, 33.7815,
6.2914

■ 50.5292, 53.2302,
56.0987

■ 32.6111, 32.0572,
4.9209

■ 53.9566, 56.4721,
68.3792

■ 31.9154, 30.8039,
4.2636

■ 57.7174, 59.9127,
82.2139

■ 61.8220, 63.5569,
97.6552

■ 64.2526, 66.5982,
104.0760

■ 65.5878, 69.2686,
104.5211

Harmonies

Analogous

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



45.5872, 42.1442, 23.8283



39.9253, 42.1442, 21.3596



34.7848, 42.1442, 24.0727

Triad

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



39.9253, 42.1442, 21.3596



31.4573, 42.1442, 63.5881



50.2490, 42.1442, 62.7799

Complementary

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



39.9253, 42.1442, 21.3596



24.9446, 24.3893, 54.4318

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.



45.8362, 42.1442, 78.0110



39.9253, 42.1442, 21.3596



34.9928, 42.1442, 78.5493

Square

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



39.9253, 42.1442, 21.3596



30.1854, 42.1442, 46.2659



40.1886, 42.1442, 84.3553



51.8751, 42.1442, 45.5119

Rectangle

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



39.9253, 42.1442, 21.3596



32.2564, 42.1442, 28.9301



40.1886, 42.1442, 84.3553



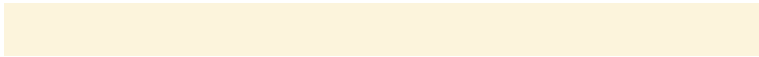
49.0232, 42.1442, 68.4391

Sweetspot

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



39.9263, 42.1462, 21.3605



85.4221, 90.4164, 80.4044



32.4322, 24.8140, 26.0886



18.4491, 19.5401, 16.7368



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.9263, 42.1462, 21.3605



68.9764, 72.3256, 29.2944



40.1739, 49.0109, 22.6724



10.6775, 11.2865, 10.6776



21.0539, 20.3936, 2.8267



0.9640, 0.9898, 0.1402

Inverse Universe

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



24.9446, 24.3893, 54.4318



38.1782, 35.8540, 97.3781



24.7024, 20.2113, 53.6382



9.7432, 10.1777, 12.7358



7.2694, 4.2954, 34.0026



0.3731, 0.3037, 1.4888

Previews

White Background



This preview shows how the XYZ color 39.9253, 42.1442, 21.3596 looks on a white background.

Color Contrast Check

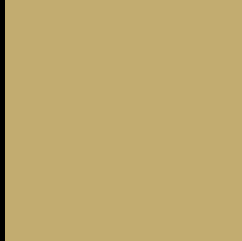
Large Text (above 18pt) WCAG AA × Fail

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 39.9253, 42.1442, 21.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

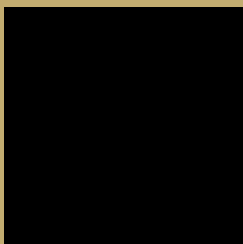
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

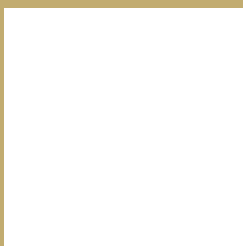
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9253, 42.1442, 21.3596

Background



This preview shows how black text looks on a background with the XYZ color 39.9253, 42.1442, 21.3596.



This preview shows how white text looks on a background with the XYZ color 39.9253, 42.1442,

21.3596.

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

39.9253, 42.1442, 21.3596

Protanopia

39.1030, 42.2832, 21.7233

Deuteranopia

42.9113, 42.0200, 21.4718



Tritanopia

45.2987, 42.1428, 47.3418

Trichromacy



Original Color

39.9253, 42.1442, 21.3596

Protanomaly

39.4101, 42.1558, 21.6825

Deuteranomaly

41.8851, 42.0349, 21.5287

Tritanomaly

42.8572, 41.9431, 35.9740

Monochromacy



Original Color

39.9253, 42.1442, 21.3596

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0799, 41.4104, 34.7874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9253, 42.1442, 21.3596 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(194, 172, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 112)  
}
```

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(194, 172, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.9253, 42.1442, 21.3596 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(194, 172, 112) }
```


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

```
.border{ border-color:rgb(194, 172, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9253, 42.1442, 21.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 112) }
```

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

```
.background{ background-color: rgb(194,  
172, 112) }
```

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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