

Converting Colors

XYZ(39.8573, 41.8956, 23.8184)

Have a look what the booklet for
XYZ(39.8573, 41.8956, 23.8184)
contains.

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Color

**XYZ(39.6913, 41.6884,
23.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AB78
RGB	192, 171, 120
RGB Percent	75%, 67%, 47%
CMY	0.2471, 0.3294, 0.5294
CMYK	0.00, 0.11, 0.37, 0.25
HSL	43°, 36%, 61%
HSV	43°, 37%, 75%
XYZ	39.6913, 41.6884, 23.7240
YIQ	171.4650, 28.8870, -11.4090

Conversions

Conversions Part 2

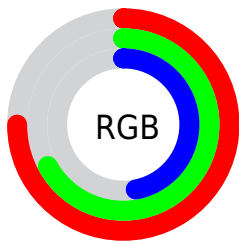
Format	Color
RYB	150, 192, 120
Decimal	12626808
CIELab	70.66, 0.21, 29.06
CIELCh	71, 29.059, 89.581
Yxy	41.6884, 0.3776, 0.3966
Android (android.graphics.Color)	4290816888 (0xFFC0AB78)
YUV	171.4650, -25.3722, 18.0092
Hunter-Lab	64.5666, -3.2613, 23.4114

Details

The XYZ color **39.6913, 41.6884, 23.7240** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7847, 26.8476, 53.6395**, and the grayscale version is **39.0571, 41.0912, 44.7483**.

A 20% lighter version of the original color is **73.8061, 77.5496, 50.6137**, and **18.0507, 18.9669, 8.6708** is the 20% darker color. If you saturate the color by 10%, you get **37.6060, 39.1993, 17.8452**, and if you desaturate by 10%, it is **42.0572, 44.3645, 30.8500**.

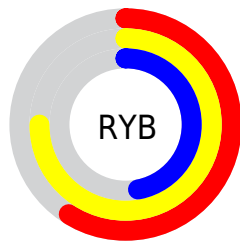
Distribution



Red (75%)

Green (67%)

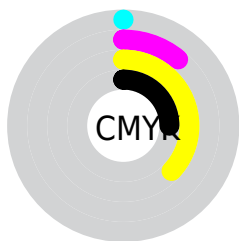
Blue (47%)



Red (59%)

Yellow (75%)

Blue (47%)

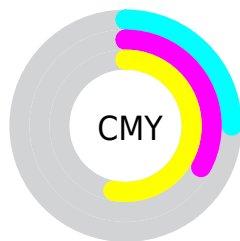


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6913, 41.6884, 23.7240 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 39.6913, 41.6884, 23.7240 by changing the saturation by 10% instead.


 39.6913, 41.6884,
23.7240


 39.6913, 41.6884,
23.7240


335.9775,
353.1896, 284.6636

 27.4811, 28.8574,
14.9187


 73.9805, 77.7278,
50.5176

 18.0733, 18.9730,
8.6164

 96.7903, 101.7050,
69.3430

 11.1026, 11.6507,
4.3984


 123.8639,
130.1664, 92.3455

 6.2037, 6.5063,
1.8464

155.5667,
163.4963, 119.9437

 3.0112, 3.1553,
0.4583

192.2641,
202.0792, 152.5560

 1.1597, 1.2134,
0.0000

234.3215,

 0.0742, 0.0726,

246.2994, 190.6011

0.0000

282.1042,
296.5414, 234.4974

■ 0.0000, 0.0000,
0.0000

■ 39.6913, 41.6884,
23.7240

■ 39.6913, 41.6884,
23.7240

■ 37.6060, 39.1993,
17.8452

■ 42.0572, 44.3645,
30.8500

■ 35.7836, 36.8846,
13.1368

■ 44.7139, 47.2279,
39.2885

■ 34.2089, 34.7389,
9.5177

■ 47.6749, 50.2864,
49.1036

■ 32.8638, 32.7541,
6.8950

■ 50.9520, 53.5456,
60.3541

■ 31.7273, 30.9208,
5.1603

■ 54.5562, 57.0107,
73.0956

■ 30.7690, 29.2259,
4.1573

■ 58.4979, 60.6866,
87.3806

■ 30.5441, 28.8183,
3.9526

■ 62.7871, 64.5781,
103.2590

■ 64.2916, 67.4332,
104.2351

■ 65.7487, 70.3475,
104.7208

Harmonies

Analogous

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



44.4929, 41.6884, 26.1686



39.6913, 41.6884, 23.7240



35.2314, 41.6884, 26.0346

Triad

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



39.6913, 41.6884, 23.7240



32.1129, 41.6884, 59.7615



48.1454, 41.6884, 60.1657

Complementary

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



39.6913, 41.6884, 23.7240



26.7847, 26.8476, 53.6395

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.



44.3664, 41.6884, 72.5405



39.6913, 41.6884, 23.7240



35.1231, 41.6884, 72.2759

Square

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



39.6913, 41.6884, 23.7240



31.0767, 41.6884, 45.1980



39.5559, 41.6884, 77.3612



49.6093, 41.6884, 45.5857

Rectangle

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



39.6913, 41.6884, 23.7240



32.9917, 41.6884, 30.2936



39.5559, 41.6884, 77.3612



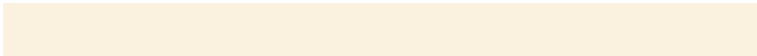
47.0894, 41.6884, 64.8207

Sweetspot

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



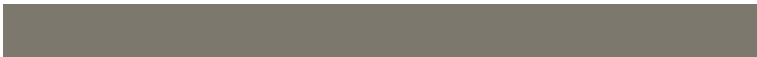
39.6923, 41.6903, 23.7249



84.3462, 89.0369, 82.1367



33.3074, 26.5808, 28.8096



17.9369, 18.9384, 17.0954



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.



39.6923, 41.6903, 23.7249



68.7766, 71.8059, 34.0696



40.5084, 48.4731, 24.9911



10.6573, 11.2461, 10.6709



20.6228, 19.5313, 2.6830



0.9481, 0.9580, 0.1349

Inverse Universe

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



26.7847, 26.8476, 53.6395



42.0485, 41.0903, 96.0753



26.1267, 22.3405, 52.8042



9.7623, 10.2159, 12.7422



7.4125, 4.5816, 34.0503



0.3815, 0.3205, 1.4916

Previews

White Background



This preview shows how the XYZ color 39.6913, 41.6884, 23.7240 looks on a white background.

Color Contrast Check

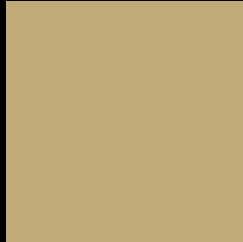
Large Text (above 18pt) WCAG AA × Fail

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 39.6913, 41.6884, 23.7240 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 39.6913, 41.6884, 23.7240

Background



This preview shows how black text looks on a background with the XYZ color 39.6913, 41.6884, 23.7240.



This preview shows how white text looks on a background with the XYZ color 39.6913, 41.6884,

23.7240.

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

39.6913, 41.6884, 23.7240

Protanopia

38.8883, 41.8324, 24.1140

Deuteranopia

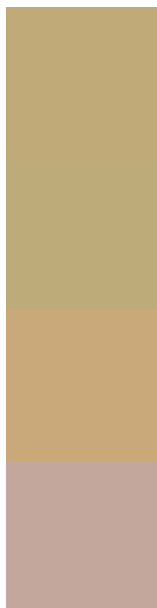
42.5410, 41.7747, 23.9103



Tritanopia

44.5000, 41.7310, 47.3045

Trichromacy



Original Color

39.6913, 41.6884, 23.7240

Protanomaly

39.1900, 41.7043, 24.0734

Deuteranomaly

41.5412, 41.8032, 23.9685

Tritanomaly

42.5844, 41.7735, 37.2711

Monochromacy



Original Color

39.6913, 41.6884, 23.7240

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8208, 40.9765, 35.5689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6913, 41.6884, 23.7240 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(192, 171, 120)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 120)  
}
```

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(192, 171, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 120) }
```

Border

The CSS property to change the border of an element to XYZ 39.6913, 41.6884, 23.7240 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(192, 171, 120) }
```


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

```
.border{ border-color:rgb(192, 171, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 171, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 120);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6913, 41.6884, 23.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 120) }
```

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

```
.background{ background-color: rgb(192,  
171, 120) }
```

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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