

Converting Colors

XYZ(39.0637, 41.2096, 30.7063)

Have a look what the booklet for
XYZ(39.0637, 41.2096, 30.7063)
contains.

XYZ(39.0637, 41.2096, 30.7063) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(39.0637, 41.2096,
30.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AB8C
RGB	184, 171, 140
RGB Percent	72%, 67%, 55%
CMY	0.2784, 0.3294, 0.4510
CMYK	0.00, 0.07, 0.24, 0.28
HSL	42°, 24%, 64%
HSV	42°, 24%, 72%
XYZ	39.0637, 41.2096, 30.7063
YIQ	171.3530, 17.6990, -6.8850

Conversions

Conversions Part 2

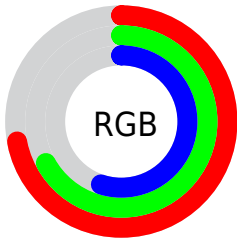
Format	Color
RYB	158, 184, 140
Decimal	12102540
CIELab	70.32, -0.33, 17.68
CIELCh	70, 17.680, 91.076
Yxy	41.2096, 0.3520, 0.3713
Android (android.graphics.Color)	4290292620 (0xFFB8AB8C)
YUV	171.3530, -15.4570, 11.0914
Hunter-Lab	64.1947, -3.7201, 16.5761

Details

The XYZ color **39.0637, 41.2096, 30.7063** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.8580, 31.8178, 49.8627**, and the grayscale version is **38.9562, 40.9849, 44.6326**.

A 20% lighter version of the original color is **72.8691, 76.8130, 62.0247**, and **17.6482, 18.6777, 12.3478** is the 20% darker color. If you saturate the color by 10%, you get **36.8136, 38.7020, 23.8131**, and if you desaturate by 10%, it is **41.5851, 43.8961, 38.8103**.

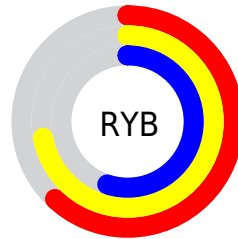
Distribution



Red (72%)

Green (67%)

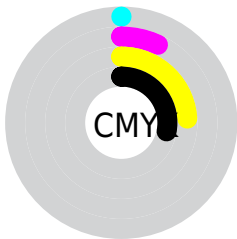
Blue (55%)



Red (62%)

Yellow (72%)

Blue (55%)

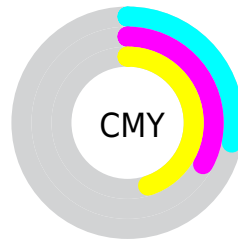


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0637, 41.2096, 30.7063 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 39.0637, 41.2096, 30.7063 by changing the saturation by 10% instead.

■ 39.0637, 41.2096,
30.7063

■ 39.0637, 41.2096,
30.7063

333.3637,
351.1959, 319.4921

■ 26.9902, 28.4829,
20.1187

■ 73.0291, 77.0020,
61.8515

■ 17.7024, 18.6900,
12.2964

■ 95.6517, 100.8364,
83.2462

■ 10.8350, 11.4465,
6.8209

■ 122.5214,
129.1423, 109.0804

■ 6.0224, 6.3680,
3.2736

154.0035,
162.3039, 139.7726

■ 2.8995, 3.0701,
1.2360

190.4635,
200.7056, 175.7413

■ 1.1008, 1.1684,
0.0084

232.2666,

■ 0.0258, 0.0357,

244.7320, 217.4051

0.0000

279.7782,
294.7672, 265.1826

■ 0.0000, 0.0000,
0.0000

■ 39.0637, 41.2096,
30.7063

■ 39.0637, 41.2096,
30.7063

■ 36.8136, 38.7020,
23.8131

■ 41.5851, 43.8961,
38.8103

■ 34.8198, 36.3622,
18.0684

■ 44.3855, 46.7612,
48.1778

■ 33.0706, 34.1862,
13.4086

■ 47.4763, 49.8115,
58.8616

■ 31.5520, 32.1675,
9.7625

■ 50.8674, 53.0518,
70.9109

■ 30.2485, 30.2991,
7.0505

■ 54.5679, 56.4864,
84.3721

■ 29.1420, 28.5729,
5.1809

■ 58.5867, 60.1198,
99.2895

■ 28.2111, 26.9795,
4.0434

■ 60.6295, 63.0348,
103.5792

■ 27.7038, 26.0635,
3.5706

■ 61.9862, 65.7482,
104.0314

■ 63.3888, 68.5534,
104.4989

Harmonies

Analogous

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



41.9314, 41.2096, 32.2791



39.0637, 41.2096, 30.7063



36.3566, 41.2096, 32.5209

Triad

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



39.0637, 41.2096, 30.7063



34.5784, 41.2096, 53.6406



44.2615, 41.2096, 53.0567

Complementary

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



39.0637, 41.2096, 30.7063



30.8580, 31.8178, 49.8627

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.



42.1218, 41.2096, 60.0064



39.0637, 41.2096, 30.7063



36.5297, 41.2096, 60.3717

Square

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



39.0637, 41.2096, 30.7063



33.8471, 41.2096, 45.1713



39.2735, 41.2096, 62.8319



45.0203, 41.2096, 44.5705

Rectangle

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



39.0637, 41.2096, 30.7063



34.9833, 41.2096, 35.5549



39.2735, 41.2096, 62.8319



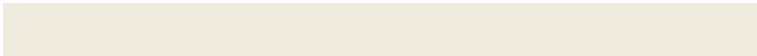
43.6748, 41.2096, 55.6853

Sweetspot

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



39.0648, 41.2115, 30.7072



78.7771, 83.0665, 81.6376



34.9120, 31.2535, 34.4166



16.9171, 17.8406, 17.3787



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.



39.0648, 41.2115, 30.7072



68.4822, 72.1330, 48.4367



39.5986, 45.3118, 31.4705



9.5201, 10.0432, 9.5437



19.1569, 18.0901, 2.4821



0.7263, 0.7396, 0.1045

Inverse Universe

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



30.8580, 31.8178, 49.8627



50.8712, 51.9794, 89.5564



30.3883, 28.5882, 49.2641



8.7315, 9.1403, 11.3835



6.9375, 4.3347, 31.7241



0.3001, 0.2639, 1.1369

Previews

White Background



This preview shows how the XYZ color 39.0637, 41.2096, 30.7063 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 39.0637, 41.2096, 30.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

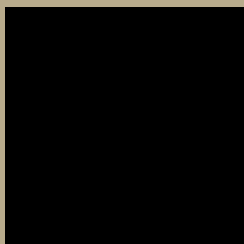
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0637, 41.2096, 30.7063

Background



This preview shows how black text looks on a background with the XYZ color 39.0637, 41.2096, 30.7063.



This preview shows how white text looks on a background with the XYZ color 39.0637, 41.2096,

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

39.0637, 41.2096, 30.7063

Protanopia

38.7776, 41.3436, 30.7473

Deuteranopia

41.8160, 40.9755, 30.9044



Tritanopia

42.7592, 41.3459, 48.3747

Trichromacy



Original Color

39.0637, 41.2096, 30.7063

Protanomaly

39.0146, 41.4658, 30.7583

Deuteranomaly

40.8746, 41.0299, 30.9645

Tritanomaly

41.2877, 41.2867, 41.3903

Monochromacy



Original Color

39.0637, 41.2096, 30.7063

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8126, 40.8940, 39.1054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0637, 41.2096, 30.7063 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(184, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 140)  
}
```

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(184, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 140) }
```

Border

The CSS property to change the border of an element to XYZ 39.0637, 41.2096, 30.7063 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(184, 171, 140) }
```


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

```
.border{ border-color:rgb(184, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0637, 41.2096, 30.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 140) }
```

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

```
.background{ background-color: rgb(184,  
171, 140) }
```

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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