

Converting Colors

XYZ(37.4147, 40.5865, 23.8455)

Have a look what the booklet for
XYZ(37.4147, 40.5865, 23.8455)
contains.

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Color

**XYZ(37.3055, 40.4514,
23.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AB79
RGB	182, 171, 121
RGB Percent	71%, 67%, 47%
CMY	0.2863, 0.3294, 0.5255
CMYK	0.00, 0.06, 0.34, 0.29
HSL	49°, 29%, 59%
HSV	49°, 34%, 71%
XYZ	37.3055, 40.4514, 23.9308
YIQ	168.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

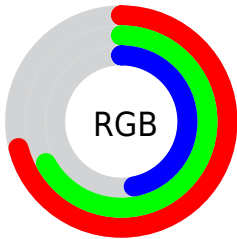
Format	Color
RYB	134, 182, 121
Decimal	11971449
CIELab	69.79, -3.70, 27.22
CIELCh	70, 27.467, 97.740
Yxy	40.4514, 0.3669, 0.3978
Android (android.graphics.Color)	4290161529 (0xFFB6AB79)
YUV	168.5890, -23.4614, 11.7614
Hunter-Lab	63.6014, -6.6030, 22.2124

Details

The XYZ color **37.3055, 40.4514, 23.9308** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.5797, 23.9441, 47.5822**, and the grayscale version is **37.6143, 39.5731, 43.0951**.

A 20% lighter version of the original color is **70.4329, 75.7994, 50.9629**, and **16.6686, 18.2507, 8.7751** is the 20% darker color. If you saturate the color by 10%, you get **35.6814, 38.8239, 18.3929**, and if you desaturate by 10%, it is **39.1576, 42.1976, 30.5845**.

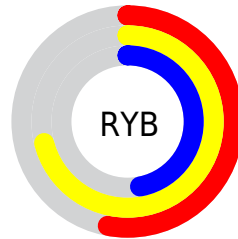
Distribution



Red (71%)

Green (67%)

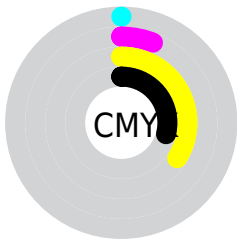
Blue (47%)



Red (53%)

Yellow (71%)

Blue (47%)

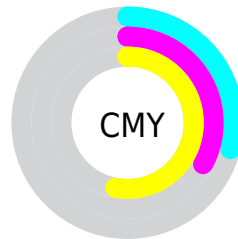


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3055, 40.4514, 23.9308 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 37.3055, 40.4514, 23.9308 by changing the saturation by 10% instead.

■ 37.3055, 40.4514,
23.9308

■ 37.3055, 40.4514,
23.9308

325.9639,
348.0225, 285.7457

■ 25.6189, 27.8907,
15.0706

■ 70.3532, 75.8504,
50.8597

■ 16.6699, 18.2433,
8.7218

■ 92.4449, 99.4575,
69.7654

■ 10.0933, 11.1248,
4.4658

■ 118.7358,
127.5154, 92.8567

■ 5.5236, 6.1508,
1.8842

149.5911,
160.4087, 120.5521

■ 2.5955, 2.9370,
0.4827

185.3762,
198.5216, 153.2702

■ 0.9437, 1.0989,
0.0000

226.4565,

■ 0.0000, 0.0000,

242.2386, 191.4294

0.0000

273.1972,
291.9441, 235.4484

■ 37.3055, 40.4514,
23.9308

■ 37.3055, 40.4514,
23.9308

■ 35.6814, 38.8239,
18.3929

■ 39.1576, 42.1976,
30.5845

■ 34.2703, 37.3046,
13.9058

■ 41.2458, 44.0615,
38.4092

■ 33.0600, 35.8899,
10.4015

■ 43.5812, 46.0494,
47.4593

■ 32.0359, 34.5737,
7.8031

■ 46.1737, 48.1651,
57.7853

■ 31.1809, 33.3492,
6.0220

■ 49.0323, 50.4126,
69.4347

■ 30.4749, 32.2079,
4.9520

■ 52.1656, 52.7955,
82.4525

■ 30.0695, 31.5014,
4.4955

■ 55.5820, 55.3172,
96.8817

■ 57.3645, 57.2112,
102.6272

■ 58.1188, 58.7198,
102.8786

Harmonies

Analogous

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



41.7855, 40.4514, 25.0155



37.3055, 40.4514, 23.9308



33.4386, 40.4514, 27.3510

Triad

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



37.3055, 40.4514, 23.9308



32.0628, 40.4514, 60.8348



46.9344, 40.4514, 54.0087

Complementary

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



37.3055, 40.4514, 23.9308



24.5797, 23.9441, 47.5822

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.



43.9339, 40.4514, 66.4372



37.3055, 40.4514, 23.9308



35.2928, 40.4514, 70.8790

Square

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



37.3055, 40.4514, 23.9308



30.5679, 40.4514, 47.4326



39.6133, 40.4514, 73.1061



47.5775, 40.4514, 40.8221

Rectangle

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



37.3055, 40.4514, 23.9308



31.6484, 40.4514, 32.2031



39.6133, 40.4514, 73.1061



46.1574, 40.4514, 58.4826

Sweetspot

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



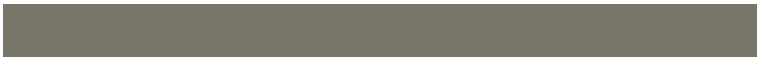
37.3065, 40.4532, 23.9316



76.1443, 81.0638, 74.8743



30.3065, 25.2912, 25.1804



16.6902, 17.7946, 16.0461



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.



37.3065, 40.4532, 23.9316



65.4861, 71.2053, 35.9980



35.2188, 42.5896, 24.4540



9.6088, 10.2206, 9.5732



21.2790, 22.3343, 3.1894



0.7865, 0.8601, 0.1246

Inverse Universe

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



24.5797, 23.9441, 47.5822



38.9783, 36.8299, 85.2902



26.1499, 22.6556, 47.2507



8.6486, 8.9744, 11.3558



6.3789, 3.2174, 31.5379



0.2651, 0.1938, 1.1252

Previews

White Background



This preview shows how the XYZ color 37.3055, 40.4514, 23.9308 looks on a white background.

Color Contrast Check

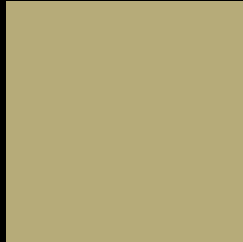
Large Text (above 18pt) WCAG AA × Fail

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 37.3055, 40.4514, 23.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

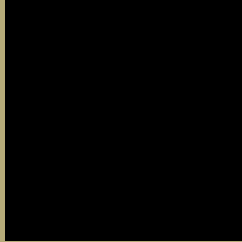
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3055, 40.4514, 23.9308

Background



This preview shows how black text looks on a background with the XYZ color 37.3055, 40.4514, 23.9308.



This preview shows how white text looks on a background with the XYZ color 37.3055, 40.4514,

23.9308.

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

37.3055, 40.4514, 23.9308

Protanopia

37.5931, 40.3203, 23.8904

Deuteranopia

41.0295, 40.1810, 24.3321



Tritanopia

41.9503, 40.4166, 47.1851

Trichromacy



Original Color

37.3055, 40.4514, 23.9308

Protanomaly

37.3544, 40.1972, 23.8792

Deuteranomaly

39.6547, 40.2797, 24.0971

Tritanomaly

40.1542, 40.5109, 37.6013

Monochromacy



Original Color

37.3055, 40.4514, 23.9308

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4978, 40.0151, 35.4531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3055, 40.4514, 23.9308 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 121) }
```

Border

The CSS property to change the border of an element to XYZ 37.3055, 40.4514, 23.9308 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, 171, 121) }
```


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

```
.border{ border-color:rgb(182, 171, 121) }
```

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

Here you see how a box with a 4 pixel rgb(182, 171, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(182, 171,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3055, 40.4514, 23.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 121) }
```

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

```
.background{ background-color: rgb(182,  
171, 121) }
```

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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