

Converting Colors

XYZ(40.1957, 43.6148, 37.4803)

Have a look what the booklet for
XYZ(40.1957, 43.6148, 37.4803)
contains.

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Color

**XYZ(40.1969, 43.6723,
37.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B29B
RGB	178, 178, 155
RGB Percent	70%, 70%, 61%
CMY	0.3020, 0.3019, 0.3922
CMYK	0.00, 0.00, 0.13, 0.30
HSL	60°, 13%, 65%
HSV	60°, 13%, 70%
XYZ	40.1969, 43.6723, 37.3213
YIQ	175.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

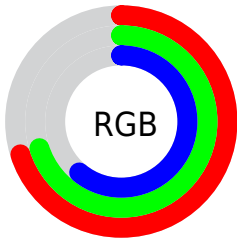
Format	Color
RYB	155, 178, 155
Decimal	11711131
CIELab	72.01, -4.04, 11.77
CIElCh	72, 12.446, 108.945
Yxy	43.6723, 0.3317, 0.3604
Android (android.graphics.Color)	4289901211 (0xFFB2B29B)
YUV	175.3780, -10.0464, 2.2995
Hunter-Lab	66.0850, -7.0743, 12.7757

Details

The XYZ color **40.1969, 43.6723, 37.3213** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2764, 33.6267, 46.8585**, and the grayscale version is **40.9922, 43.1270, 46.9653**.

A 20% lighter version of the original color is **74.8631, 80.9415, 71.9992**, and **18.2898, 20.0267, 15.9983** is the 20% darker color. If you saturate the color by 10%, you get **38.8107, 43.1192, 30.0198**, and if you desaturate by 10%, it is **41.8058, 44.3174, 45.7854**.

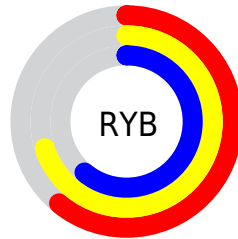
Distribution



Red (70%)

Green (70%)

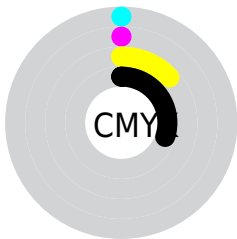
Blue (61%)



Red (61%)

Yellow (70%)

Blue (61%)

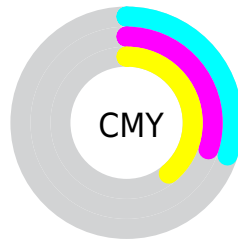


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1969, 43.6723, 37.3213 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 40.1969, 43.6723, 37.3213 by changing the saturation by 10% instead.


 40.1969, 43.6723,
37.3213


 40.1969, 43.6723,
37.3213


338.0730,
361.3693, 349.9100

 27.8770, 30.4130,
25.1586


 74.7457, 80.7244,
72.2585

 18.3729, 20.1523,
15.9752


 97.7053, 105.2860,
95.8701

 11.3194, 12.5058,
9.3524

124.9421,
134.3837, 124.1351

 6.3509, 7.0891,
4.8718

156.8216,
168.4021, 157.4721

 3.1023, 3.5179,
2.1148

193.7091,
207.7254, 196.2995

 1.2081, 1.4077,
0.6246

235.9699,

 0.1127, 0.2224,

252.7382, 241.0359

0.0000

283.9694,
303.8247, 292.0999

■ 0.0000, 0.0000,
0.0000

■ 40.1969, 43.6723,
37.3213

■ 40.1969, 43.6723,
37.3213

■ 38.8107, 43.1192,
30.0198

■ 41.8058, 44.3174,
45.7854

■ 37.6342, 42.6485,
23.8276

■ 43.6430, 45.0524,
55.4567

■ 36.6582, 42.2580,
18.6911

■ 45.7182, 45.8825,
66.3812

■ 35.8715, 41.9433,
14.5516

■ 48.0394, 46.8110,
78.6012

■ 35.2618, 41.6994,
11.3444

■ 50.6143, 47.8411,
92.1573

■ 34.8155, 41.5207,
8.9972

■ 52.3353, 48.5295,
101.2165

■ 34.5167, 41.4012,
7.4271

■ 52.3359, 48.5299,
101.2165

■ 34.3467, 41.3331,
6.5351

■ 52.3365, 48.5302,
101.2166

■ 34.2762, 41.3048,
6.1661

■ 52.3372, 48.5305,
101.2166

Harmonies

Analogous

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



42.2976, 43.6723, 36.9679



40.1969, 43.6723, 37.3213



38.5040, 43.6723, 40.2735

Triad

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



40.1969, 43.6723, 37.3213



38.8833, 43.6723, 56.9318



45.6494, 43.6723, 49.8308

Complementary

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



40.1969, 43.6723, 37.3213



33.2764, 33.6267, 46.8585

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.



44.6668, 43.6723, 55.6578



40.1969, 43.6723, 37.3213



40.7307, 43.6723, 59.9843

Square

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



40.1969, 43.6723, 37.3213



37.7637, 43.6723, 51.4524



42.8498, 43.6723, 59.4992



45.4945, 43.6723, 43.8533

Rectangle

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



40.1969, 43.6723, 37.3213



37.8120, 43.6723, 43.4708



42.8498, 43.6723, 59.4992



45.4399, 43.6723, 51.8804

Sweetspot

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



40.1981, 43.6742, 37.3222



75.4532, 80.2205, 81.1555



35.9992, 35.2752, 35.9224



16.6659, 17.7526, 17.7130



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.1981, 43.6742, 37.3222



72.0053, 78.8412, 63.0063



37.6693, 42.3706, 37.2039



9.1970, 9.9066, 9.0800



24.5237, 29.5525, 4.4117



0.7717, 0.9299, 0.1388

Inverse Universe

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



33.2764, 33.6267, 46.8585



56.5572, 56.4168, 84.2898



35.5894, 34.8191, 46.9668



8.0421, 8.2302, 10.6711



5.7501, 2.3001, 30.2779



0.1810, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 40.1969, 43.6723, 37.3213 looks on a white background.

Color Contrast Check

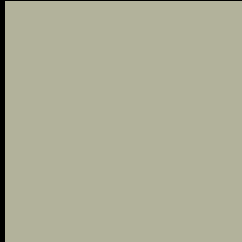
Large Text (above 18pt) WCAG AA × Fail

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 40.1969, 43.6723, 37.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

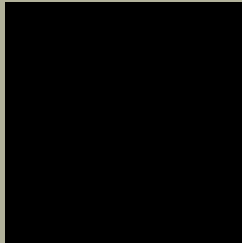
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1969, 43.6723, 37.3213

Background



This preview shows how black text looks on a background with the XYZ color 40.1969, 43.6723, 37.3213.



This preview shows how white text looks on a background with the XYZ color 40.1969, 43.6723,

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

40.1969, 43.6723, 37.3213

Protanopia

41.3657, 43.6980, 36.8262

Deuteranopia

44.5479, 43.6013, 37.9662



Tritanopia

43.4416, 43.5423, 53.1286

Trichromacy



Original Color

40.1969, 43.6723, 37.3213

Protanomaly

40.8463, 43.7225, 36.8583

Deuteranomaly

42.9366, 43.6249, 37.6099

Tritanomaly

42.1239, 43.5788, 46.7488

Monochromacy



Original Color

40.1969, 43.6723, 37.3213

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4977, 43.1079, 43.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1969, 43.6723, 37.3213 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(178, 178, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 155)  
}
```

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(178, 178, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.1969, 43.6723, 37.3213 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(178, 178, 155) }
```


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

```
.border{ border-color:rgb(178, 178, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 178, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1969, 43.6723, 37.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 155) }
```

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

```
.background{ background-color: rgb(178,  
178, 155) }
```

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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