

Converting Colors

XYZ(40.5063, 42.7116, 41.3624)

Have a look what the booklet for
XYZ(40.5063, 42.7116, 41.3624)
contains.

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Color

**XYZ(40.4273, 42.5361,
41.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEA4
RGB	179, 174, 164
RGB Percent	70%, 68%, 64%
CMY	0.2980, 0.3176, 0.3569
CMYK	0.00, 0.03, 0.08, 0.30
HSL	40°, 9%, 67%
HSV	40°, 8%, 70%
XYZ	40.4273, 42.5361, 41.2015
YIQ	174.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

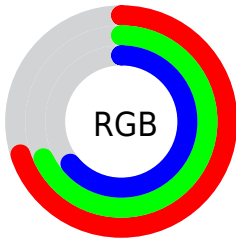
Format	Color
RYB	172, 179, 164
Decimal	11775652
CIELab	71.24, -0.01, 5.75
CIELCh	71, 5.752, 90.061
Yxy	42.5361, 0.3256, 0.3426
Android (android.graphics.Color)	4289965732 (0xFFB3AEA4)
YUV	174.3550, -5.1050, 4.0737
Hunter-Lab	65.2197, -3.4889, 8.1983

Details

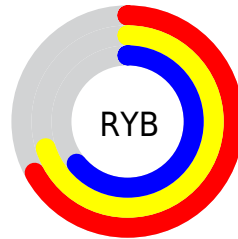
The XYZ color **40.4273, 42.5361, 41.2015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6345, 39.5226, 48.2934**, and the grayscale version is **40.4388, 42.5448, 46.3313**.

A 20% lighter version of the original color is **75.0664, 78.8153, 78.2743**, and **18.4883, 19.5245, 18.1234** is the 20% darker color. If you saturate the color by 10%, you get **37.7971, 39.6828, 32.9029**, and if you desaturate by 10%, it is **43.3386, 45.5864, 50.7174**.

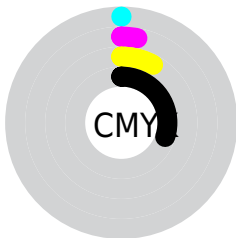
Distribution



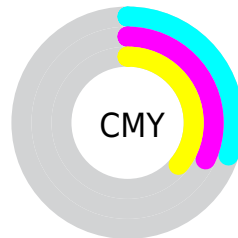
- Red (70%)
- Green (68%)
- Blue (64%)



- Red (67%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4273, 42.5361, 41.2015 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 40.4273, 42.5361, 41.2015 by changing the saturation by 10% instead.

■ 40.4273, 42.5361,
41.2015

■ 40.4273, 42.5361,
41.2015

339.0249,
356.7005, 366.8636

■ 28.0576, 29.5213,
28.1557

■ 75.0940, 79.0103,
78.2467

■ 18.5097, 19.4755,
18.2030

■ 98.1216, 103.2386,
103.0831

■ 11.4185, 12.0144,
10.9249

125.4326,
131.9734, 132.6868

■ 6.4184, 6.7535,
5.9028

157.3922,
165.5993, 167.4764

■ 3.1442, 3.3084,
2.7182

194.3659,
204.5005, 207.8703

■ 1.2305, 1.2948,
0.9526

236.7190,

■ 0.1302, 0.1372,

249.0615, 254.2871

0.0000

284.8169,
299.6667, 307.1454

■ 0.0000, 0.0000,
0.0000

■ 40.4273, 42.5361,
41.2015

■ 40.4273, 42.5361,
41.2015

■ 37.7971, 39.6828,
32.9029

■ 43.3386, 45.5864,
50.7174

■ 35.4343, 37.0159,
25.7687

■ 46.5370, 48.8331,
61.4950

■ 33.3294, 34.5319,
19.7466

■ 50.0327, 52.2825,
73.5797

■ 31.4707, 32.2250,
14.7787

■ 53.8343, 55.9392,
87.0138

■ 29.8456, 30.0890,
10.8021

■ 57.9502, 59.8074,
101.8379

■ 28.4403, 28.1173,
7.7471

■ 59.6334, 62.7894,
103.5843

■ 27.2390, 26.3025,
5.5348

■ 61.1312, 65.7849,
104.0835

■ 26.2235, 24.6360,
4.0729

■ 62.6844, 68.8913,
104.6013

■ 25.3637, 23.1045,
3.2061

■ 64.2936, 72.1097,
105.1377

Harmonies

Analogous

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



41.3623, 42.5361, 41.8608



40.4273, 42.5361, 41.2015



39.5070, 42.5361, 41.8662

Triad

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



40.4273, 42.5361, 41.2015



38.8446, 42.5361, 49.0277



42.0585, 42.5361, 49.0174

Complementary

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



40.4273, 42.5361, 41.2015



37.6345, 39.5226, 48.2934

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.



41.3658, 42.5361, 51.0674



40.4273, 42.5361, 41.2015



39.5104, 42.5361, 51.0735

Square

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



40.4273, 42.5361, 41.2015



38.6021, 42.5361, 46.3203



40.4313, 42.5361, 51.8341



42.3132, 42.5361, 46.3089

Rectangle

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



40.4273, 42.5361, 41.2015



39.0233, 42.5361, 42.9864



40.4313, 42.5361, 51.8341



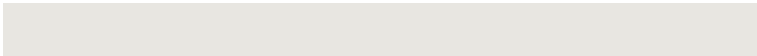
41.8686, 42.5361, 49.8102

Sweetspot

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



40.4285, 42.5380, 41.2024



75.1196, 79.0492, 82.5963



39.0279, 38.9998, 43.0074



16.5502, 17.4164, 17.9967



86.6293, 91.1408, 99.2523



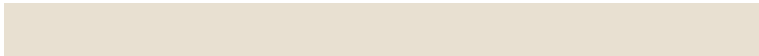
17.0014, 17.8868, 19.4787

Same Dimension

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



40.4285, 42.5380, 41.2024



71.5261, 75.2434, 70.9746



40.8393, 44.2096, 41.5034



8.9538, 9.4201, 8.9989



17.8914, 16.2814, 2.1996



0.6139, 0.6141, 0.0862

Inverse Universe

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



37.6345, 39.5226, 48.2934



65.5267, 68.7687, 86.2012



37.2437, 37.9674, 48.0138



8.2656, 8.6774, 10.7456



6.9322, 4.6648, 30.6720



0.2731, 0.2568, 0.9834

Previews

White Background



This preview shows how the XYZ color 40.4273, 42.5361, 41.2015 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 40.4273, 42.5361, 41.2015 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

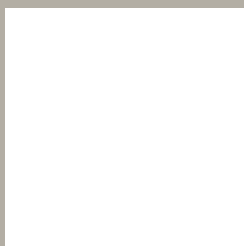
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4273, 42.5361, 41.2015

Background



This preview shows how black text looks on a background with the XYZ color 40.4273, 42.5361, 41.2015.

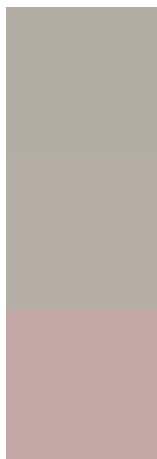


This preview shows how white text looks on a background with the XYZ color 40.4273, 42.5361,

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

40.4273, 42.5361, 41.2015

Protanopia

40.6593, 42.6557, 41.2124

Deuteranopia

43.2998, 42.3240, 41.4845



Tritanopia

42.5060, 42.5316, 51.3165

Trichromacy



Original Color

40.4273, 42.5361, 41.2015

Protanomaly

40.6593, 42.6557, 41.2124

Deuteranomaly

42.1525, 42.2849, 41.5374

Tritanomaly

41.7444, 42.5031, 47.5987

Monochromacy



Original Color

40.4273, 42.5361, 41.2015

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.2962, 42.4045, 44.0913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4273, 42.5361, 41.2015 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(179, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 164)  
}
```

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(179, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.4273, 42.5361, 41.2015 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(179, 174, 164) }
```


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

```
.border{ border-color:rgb(179, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4273, 42.5361, 41.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 164) }
```

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

```
.background{ background-color: rgb(179,  
174, 164) }
```

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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