

Converting Colors

XYZ(39.7762, 42.7681, 41.7610)

Have a look what the booklet for
XYZ(39.7762, 42.7681, 41.7610)
contains.

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Color

**XYZ(39.7724, 42.7660,
41.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0A5
RGB	174, 176, 165
RGB Percent	68%, 69%, 65%
CMY	0.3176, 0.3098, 0.3529
CMYK	0.01, 0.00, 0.06, 0.31
HSL	71°, 7%, 67%
HSV	71°, 6%, 69%
XYZ	39.7724, 42.7660, 41.7557
YIQ	174.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

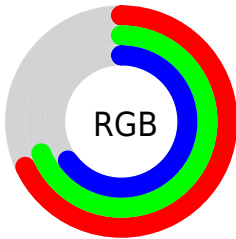
Format	Color
RYB	165, 176, 167
Decimal	11448485
CIELab	71.40, -2.72, 5.38
CIELCh	71, 6.028, 116.866
Yxy	42.7660, 0.3200, 0.3441
Android (android.graphics.Color)	4289638565 (0xFFFAEB0A5)
YUV	174.1480, -4.5100, -0.1298
Hunter-Lab	65.3957, -5.8823, 7.9199

Details

The XYZ color **39.7724, 42.7660, 41.7557** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2297, 38.2615, 46.4996**, and the grayscale version is **40.3308, 42.4311, 46.2075**.

A 20% lighter version of the original color is **74.0880, 79.5385, 79.1578**, and **18.2143, 19.7451, 18.4740** is the 20% darker color. If you saturate the color by 10%, you get **37.5743, 41.8066, 33.8580**, and if you desaturate by 10%, it is **42.2105, 43.8261, 50.8172**.

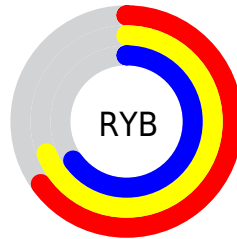
Distribution



Red (68%)

Green (69%)

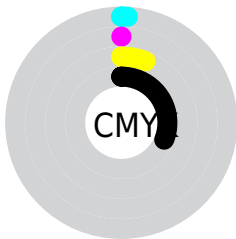
Blue (65%)



Red (65%)

Yellow (69%)

Blue (65%)

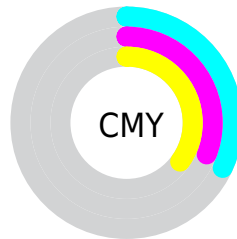


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7724, 42.7660, 41.7557 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 39.7724, 42.7660, 41.7557 by changing the saturation by 10% instead.

■ 39.7724, 42.7660,
41.7557

■ 39.7724, 42.7660,
41.7557

336.3142,
357.6486, 369.2390

■ 27.5446, 29.7016,
28.5859

■ 74.1034, 79.3576,
79.0958

■ 18.1213, 19.6122,
18.5249

■ 96.9372, 103.6536,
104.1033

■ 11.1373, 12.1134,
11.1542

124.0370,
132.4622, 133.8937

■ 6.2273, 6.8210,
6.0552

155.7683,
166.1678, 168.8856

■ 3.0257, 3.3504,
2.8093

192.4962,
205.1549, 209.4975

■ 1.1674, 1.3173,
0.9981

234.5863,

■ 0.0804, 0.1545,

249.8078, 256.1480

0.0000

282.4039,
300.5109, 309.2557

■ 0.0000, 0.0000,
0.0000

■ 39.7724, 42.7660,
41.7557

■ 39.7724, 42.7660,
41.7557

■ 37.5743, 41.8066,
33.8580

■ 42.2105, 43.8261,
50.8172

■ 35.6034, 40.9387,
27.0744

■ 44.8935, 44.9848,
61.0843

■ 33.8514, 40.1603,
21.3552

■ 47.8307, 46.2471,
72.5999

■ 32.3078, 39.4672,
16.6464

■ 51.0298, 47.6162,
85.4042

■ 30.9613, 38.8548,
12.8889

■ 54.4983, 49.0951,
99.5354

■ 29.7994, 38.3181,
10.0176

■ 55.6278, 49.6404,
101.2574

■ 28.8080, 37.8516,
7.9593

■ 56.4551, 50.0669,
101.2961

■ 27.9709, 37.4486,
6.6291

■ 57.3003, 50.5026,
101.3357

■ 27.2665, 37.1006,
5.9135

■ 58.1634, 50.9476,
101.3761

Harmonies

Analogous

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



40.7546, 42.7660, 41.2050



39.7724, 42.7660, 41.7557



39.0357, 42.7660, 43.5767

Triad

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



39.7724, 42.7660, 41.7557



39.5906, 42.7660, 51.4029



42.6274, 42.7660, 46.8711

Complementary

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



39.7724, 42.7660, 41.7557



37.2297, 38.2615, 46.4996

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.



42.3037, 42.7660, 49.6866



39.7724, 42.7660, 41.7557



40.5412, 42.7660, 52.3705

Square

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



39.7724, 42.7660, 41.7557



38.9319, 42.7660, 49.1361



41.5360, 42.7660, 51.7299



42.4134, 42.7660, 44.0850

Rectangle

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



39.7724, 42.7660, 41.7557



38.7771, 42.7660, 45.3066



41.5360, 42.7660, 51.7299



42.5777, 42.7660, 47.8463

Sweetspot

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



39.7736, 42.7679, 41.7566



73.9422, 78.3499, 82.3957



38.4857, 39.5243, 41.1984



16.0350, 16.9843, 17.8956



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.7736, 42.7679, 41.7566



71.3464, 77.2200, 72.8647



38.6091, 42.1676, 41.7021



9.0423, 9.8269, 9.0727



19.8687, 27.1528, 4.1938



0.6646, 0.8747, 0.1338

Inverse Universe

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



37.2297, 38.2615, 46.4996



65.4148, 66.7123, 83.9243



38.3795, 38.8543, 46.5535



8.1816, 8.3021, 10.6776



6.2249, 2.5449, 30.3001



0.2390, 0.1023, 0.9554

Previews

White Background



This preview shows how the XYZ color 39.7724, 42.7660, 41.7557 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 39.7724, 42.7660, 41.7557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

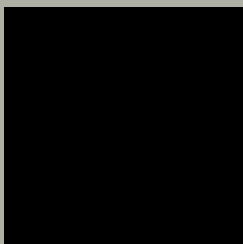
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

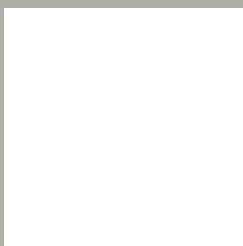
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7724, 42.7660, 41.7557

Background



This preview shows how black text looks on a background with the XYZ color 39.7724, 42.7660, 41.7557.



This preview shows how white text looks on a background with the XYZ color 39.7724, 42.7660,

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

39.7724, 42.7660, 41.7557

Protanopia

40.6593, 42.6557, 41.2124

Deuteranopia

43.5766, 42.7312, 42.0276



Tritanopia

41.9380, 42.7794, 52.5013

Trichromacy



Original Color

39.7724, 42.7660, 41.7557

Protanomaly

40.3909, 42.8053, 41.2554

Deuteranomaly

42.1290, 42.8230, 42.1216

Tritanomaly

41.0764, 42.7166, 48.1996

Monochromacy



Original Color

39.7724, 42.7660, 41.7557

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1362, 42.5989, 44.6351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7724, 42.7660, 41.7557 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(174, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 165)  
}
```

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(174, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 39.7724, 42.7660, 41.7557 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(174, 176, 165) }
```


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

```
.border{ border-color:rgb(174, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7724, 42.7660, 41.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 165) }
```

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

```
.background{ background-color: rgb(174,  
176, 165) }
```

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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