

Converting Colors

XYZ(40.6595, 43.6957, 41.4690)

Have a look what the booklet for
XYZ(40.6595, 43.6957, 41.4690)
contains.

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Color

**XYZ(40.7527, 43.8682,
41.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B2A4
RGB	177, 178, 164
RGB Percent	69%, 70%, 64%
CMY	0.3059, 0.3019, 0.3569
CMYK	0.01, 0.00, 0.08, 0.30
HSL	64°, 8%, 67%
HSV	64°, 8%, 70%
XYZ	40.7527, 43.8682, 41.4415
YIQ	176.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

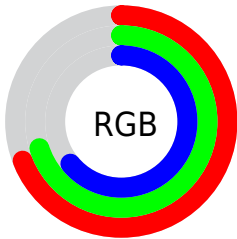
Format	Color
RYB	164, 178, 165
Decimal	11645604
CIELab	72.14, -2.89, 7.03
CIELCh	72, 7.595, 112.324
Yxy	43.8682, 0.3233, 0.3480
Android (android.graphics.Color)	4289835684 (0xFFB1B2A4)
YUV	176.1050, -5.9678, 0.7849
Hunter-Lab	66.2331, -6.0782, 9.2659

Details

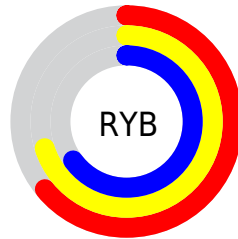
The XYZ color **40.7527, 43.8682, 41.4415** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8301, 37.7658, 47.4701**, and the grayscale version is **41.3513, 43.5048, 47.3767**.

A 20% lighter version of the original color is **75.8133, 81.2837, 78.7114**, and **18.5704, 20.1222, 18.2344** is the 20% darker color. If you saturate the color by 10%, you get **38.9677, 43.1222, 33.5458**, and if you desaturate by 10%, it is **42.7679, 44.7094, 50.5243**.

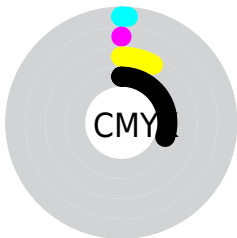
Distribution



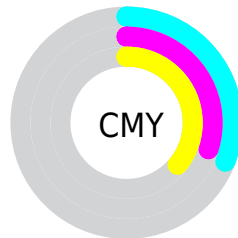
- Red (69%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (70%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7527, 43.8682, 41.4415 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 40.7527, 43.8682, 41.4415 by changing the saturation by 10% instead.

■ 40.7527, 43.8682,
41.4415

■ 40.7527, 43.8682,
41.4415

340.3662,
362.1702, 367.8936

■ 28.3127, 30.5669,
28.3419

■ 75.5854, 81.0194,
78.6146

■ 18.7032, 20.2693,
18.3423

■ 98.7089, 105.6381,
103.5252

■ 11.5587, 12.5909,
11.0240

126.1242,
134.7980, 133.2099

■ 6.5140, 7.1475,
5.9686

158.1967,
168.8836, 168.0872

■ 3.2037, 3.5545,
2.7575

195.2919,
208.2792, 208.5757

■ 1.2624, 1.4276,
0.9722

237.7749,

■ 0.1548, 0.2369,

253.3692, 255.0939

0.0000

286.0112,
304.5381, 308.0604

■ 0.0000, 0.0000,
0.0000

■ 40.7527, 43.8682,
41.4415

■ 40.7527, 43.8682,
41.4415

■ 38.9677, 43.1222,
33.5458

■ 42.7679, 44.7094,
50.5243

■ 37.4000, 42.4621,
26.7854

■ 45.0183, 45.6436,
60.8376

■ 36.0408, 41.8856,
21.1089

■ 47.5136, 46.6761,
72.4258

■ 34.8794, 41.3886,
16.4599

■ 50.2616, 47.8100,
85.3304

■ 33.9041, 40.9663,
12.7768

■ 53.2699, 49.0482,
99.5911

■ 33.1019, 40.6135,
9.9915

■ 53.8953, 49.3337,
101.2895

■ 32.4582, 40.3245,
8.0269

■ 54.2036, 49.4927,
101.3039

■ 31.9559, 40.0924,
6.7932

■ 54.5147, 49.6530,
101.3185

■ 31.5681, 39.9063,
6.1479

■ 54.8286, 49.8148,
101.3332

Harmonies

Analogous

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



42.0303, 43.8682, 41.0130



40.7527, 43.8682, 41.4415



39.7473, 43.8682, 43.5201

Triad

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



40.7527, 43.8682, 41.4415



40.1856, 43.8682, 53.6607



44.2232, 43.8682, 48.7280

Complementary

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



40.7527, 43.8682, 41.4415



36.8301, 37.7658, 47.4701

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.



43.7062, 43.8682, 52.2774



40.7527, 43.8682, 41.4415



41.3623, 43.8682, 55.2201

Square

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



40.7527, 43.8682, 41.4415



39.4246, 43.8682, 50.5374



42.6525, 43.8682, 54.7011



44.0517, 43.8682, 45.0959

Rectangle

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



40.7527, 43.8682, 41.4415



39.3578, 43.8682, 45.6233



42.6525, 43.8682, 54.7011



44.1238, 43.8682, 49.9727

Sweetspot

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



40.7539, 43.8701, 41.4424



75.9794, 80.4186, 84.4872



38.5054, 39.0327, 40.6272



16.8420, 17.8204, 18.7578



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.



40.7539, 43.8701, 41.4424



73.4604, 79.3676, 73.1846



39.2148, 43.0767, 41.3704



9.1358, 9.8751, 9.0771



22.5531, 28.5366, 4.3194



0.7274, 0.9070, 0.1367

Inverse Universe

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



36.8301, 37.7658, 47.4701



65.2506, 66.5955, 85.7963



38.3113, 38.5294, 47.5394



8.0965, 8.2583, 10.6736



5.8873, 2.3708, 30.2843



0.2038, 0.0842, 0.9537

Previews

White Background



This preview shows how the XYZ color 40.7527, 43.8682, 41.4415 looks on a white background.

Color Contrast Check

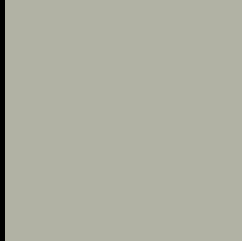
Large Text (above 18pt) WCAG AA × Fail

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 40.7527, 43.8682, 41.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

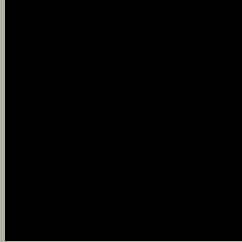
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

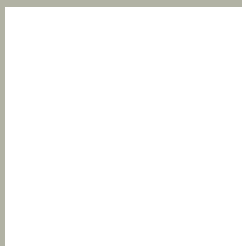
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7527, 43.8682, 41.4415

Background



This preview shows how black text looks on a background with the XYZ color 40.7527, 43.8682, 41.4415.



This preview shows how white text looks on a background with the XYZ color 40.7527, 43.8682,

41.4415.

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

40.7527, 43.8682, 41.4415

Protanopia

41.6646, 43.7623, 40.9013

Deuteranopia

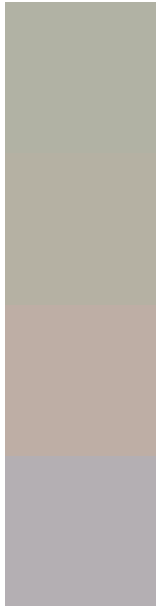
44.6431, 43.8482, 41.7079



Tritanopia

43.2692, 43.7267, 53.7365

Trichromacy



Original Color

40.7527, 43.8682, 41.4415

Protanomaly

41.3891, 43.9124, 40.9448

Deuteranomaly

43.1628, 43.9359, 41.8029

Tritanomaly

42.2890, 43.6179, 48.8381

Monochromacy



Original Color

40.7527, 43.8682, 41.4415

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0730, 43.6529, 45.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7527, 43.8682, 41.4415 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(177, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 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(177, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 164) }
```

Border

The CSS property to change the border of an element to XYZ 40.7527, 43.8682, 41.4415 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(177, 178, 164) }
```


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

```
.border{ border-color:rgb(177, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 178, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 178, 164); box-shadow:4px 4px 4px 4px rgb(177, 178, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7527, 43.8682, 41.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 164) }
```

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

```
.background{ background-color: rgb(177,  
178, 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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