

Converting Colors

XYZ(41.2065, 43.7496, 41.3954)

Have a look what the booklet for
XYZ(41.2065, 43.7496, 41.3954)
contains.

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Color

**XYZ(41.2454, 43.8279,
41.4077)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B1A4
RGB	180, 177, 164
RGB Percent	71%, 69%, 64%
CMY	0.2941, 0.3059, 0.3569
CMYK	0.00, 0.02, 0.09, 0.29
HSL	49°, 10%, 67%
HSV	49°, 9%, 71%
XYZ	41.2454, 43.8279, 41.4077
YIQ	176.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

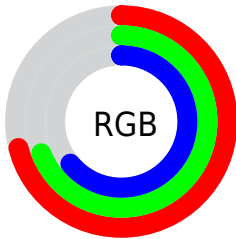
Format	Color
RYB	168, 180, 164
Decimal	11841956
CIELab	72.11, -1.26, 7.02
CIELCh	72, 7.130, 100.140
Yxy	43.8279, 0.3261, 0.3465
Android (android.graphics.Color)	4290032036 (0xFFB4B1A4)
YUV	176.4150, -6.1206, 3.1440
Hunter-Lab	66.2026, -4.6460, 9.2578

Details

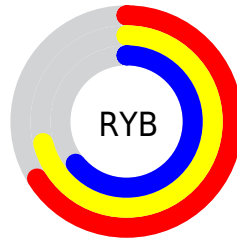
The XYZ color **41.2454, 43.8279, 41.4077** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3668, 38.8247, 48.7051**, and the grayscale version is **41.5133, 43.6752, 47.5623**.

A 20% lighter version of the original color is **76.5172, 81.2252, 78.6630**, and **18.8847, 20.0972, 18.2130** is the 20% darker color. If you saturate the color by 10%, you get **39.0763, 41.9093, 33.2244**, and if you desaturate by 10%, it is **43.6635, 45.8753, 50.8102**.

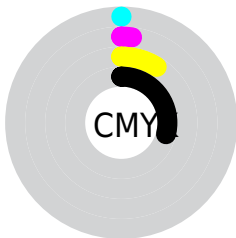
Distribution



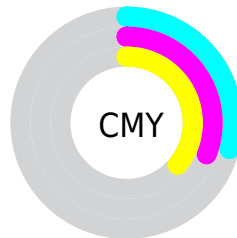
- Red (71%)
- Green (69%)
- Blue (64%)



- Red (66%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2454, 43.8279, 41.4077 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 41.2454, 43.8279, 41.4077 by changing the saturation by 10% instead.

■ 41.2454, 43.8279,
41.4077

■ 41.2454, 43.8279,
41.4077

342.3903,
362.0055, 367.7487

■ 28.6994, 30.5352,
28.3157

■ 76.3286, 80.9587,
78.5628

■ 18.9967, 20.2452,
18.3227

■ 99.5966, 105.5656,
103.4630

■ 11.7719, 12.5734,
11.0101

127.1692,
134.7128, 133.1363

■ 6.6596, 7.1355,
5.9593

159.4119,
168.7845, 168.0012

■ 3.2946, 3.5470,
2.7520

196.6900,
208.1653, 208.4764

■ 1.3114, 1.4235,
0.9694

239.3689,

■ 0.1917, 0.2340,

253.2395, 254.9804

0.0000

287.8139,
304.3914, 307.9316

■ 0.0000, 0.0000,
0.0000

■ 41.2454, 43.8279,
41.4077

■ 41.2454, 43.8279,
41.4077

■ 39.0763, 41.9093,
33.2244

■ 43.6635, 45.8753,
50.8102

■ 37.1428, 40.1096,
26.2067

■ 46.3362, 48.0496,
61.4768

■ 35.4358, 38.4265,
20.3015

■ 49.2732, 50.3564,
73.4536

■ 33.9440, 36.8552,
15.4501

■ 52.4830, 52.7991,
86.7833

■ 32.6551, 35.3906,
11.5887

■ 55.9733, 55.3811,
101.5070

■ 31.5556, 34.0272,
8.6462

■ 56.8918, 56.9617,
102.6039

■ 30.6301, 32.7585,
6.5424

■ 57.6671, 58.5123,
102.8624

■ 29.8606, 31.5773,
5.1830

■ 58.4597, 60.0975,
103.1266

■ 29.2148, 30.4703,
4.3990

■ 59.2696, 61.7173,
103.3965

Harmonies

Analogous

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



42.4592, 43.8279, 41.6763



41.2454, 43.8279, 41.4077



40.1628, 43.8279, 42.7666

Triad

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



41.2454, 43.8279, 41.4077



39.8891, 43.8279, 52.1852



43.9029, 43.8279, 50.0404

Complementary

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



41.2454, 43.8279, 41.4077



37.3668, 38.8247, 48.7051

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.



43.1880, 43.8279, 53.0443



41.2454, 43.8279, 41.4077



40.8651, 43.8279, 54.3239

Square

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



41.2454, 43.8279, 41.4077



39.3900, 43.8279, 48.9139



42.0715, 43.8279, 54.6457



44.0096, 43.8279, 46.5479

Rectangle

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



41.2454, 43.8279, 41.4077



39.6553, 43.8279, 44.4533



42.0715, 43.8279, 54.6457



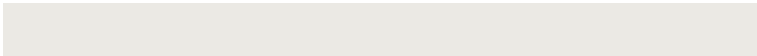
43.7251, 43.8279, 51.1453

Sweetspot

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



41.2466, 43.8298, 41.4086



77.2906, 81.6088, 84.7588



39.0920, 39.0523, 42.1343



16.6292, 17.5743, 18.0230



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.



41.2466, 43.8298, 41.4086



73.8440, 78.6512, 71.4772



40.7468, 44.4606, 41.5567



9.0591, 9.6307, 9.0340



20.3876, 21.2738, 3.0317



0.6765, 0.7393, 0.1071

Inverse Universe

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



37.3668, 38.8247, 48.7051



65.1263, 67.4051, 87.8726



37.8336, 38.2598, 48.5714



8.1665, 8.4792, 10.7126



6.1808, 3.1619, 30.4215



0.2328, 0.1760, 0.9699

Previews

White Background



This preview shows how the XYZ color 41.2454, 43.8279, 41.4077 looks on a white background.

Color Contrast Check

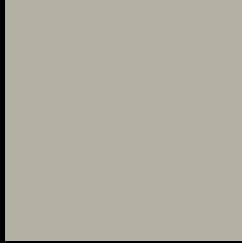
Large Text (above 18pt) WCAG AA × Fail

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 41.2454, 43.8279, 41.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

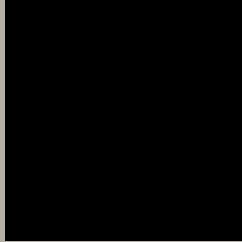
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

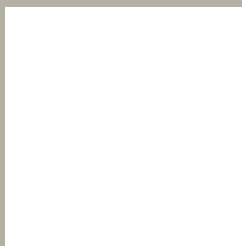
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2454, 43.8279, 41.4077

Background



This preview shows how black text looks on a background with the XYZ color 41.2454, 43.8279, 41.4077.



This preview shows how white text looks on a background with the XYZ color 41.2454, 43.8279,

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

41.2454, 43.8279, 41.4077

Protanopia

41.7546, 43.7983, 41.3752

Deuteranopia

44.6431, 43.8482, 41.7079



Tritanopia

43.6341, 43.9272, 53.1927

Trichromacy



Original Color

41.2454, 43.8279, 41.4077

Protanomaly

41.5176, 43.6761, 41.3641

Deuteranomaly

43.2210, 43.6801, 41.7504

Tritanomaly

42.7581, 43.8597, 48.8600

Monochromacy



Original Color

41.2454, 43.8279, 41.4077

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1032, 43.3763, 45.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2454, 43.8279, 41.4077 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(180, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 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(180, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.2454, 43.8279, 41.4077 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(180, 177, 164) }
```


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

```
.border{ border-color:rgb(180, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2454, 43.8279, 41.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 164) }
```

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

```
.background{ background-color: rgb(180,  
177, 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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