

Converting Colors

XYZ(40.2418, 45.1528, 31.5969)

Have a look what the booklet for
XYZ(40.2418, 45.1528, 31.5969)
contains.

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Color

**XYZ(40.0520, 44.9331,
31.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B68C
RGB	179, 182, 140
RGB Percent	70%, 71%, 55%
CMY	0.2980, 0.2863, 0.4510
CMYK	0.02, 0.00, 0.23, 0.29
HSL	64°, 22%, 63%
HSV	64°, 23%, 71%
XYZ	40.0520, 44.9331, 31.3729
YIQ	176.3150, 11.6940, -13.6980

Conversions

Conversions Part 2

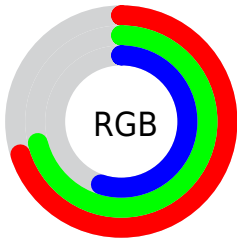
Format	Color
RYB	140, 182, 143
Decimal	11777676
CIELab	72.85, -8.11, 21.09
CIELCh	73, 22.593, 111.031
Yxy	44.9331, 0.3442, 0.3862
Android (android.graphics.Color)	4289967756 (0xFFB3B68C)
YUV	176.3150, -17.9033, 2.3547
Hunter-Lab	67.0322, -10.6518, 19.1732

Details

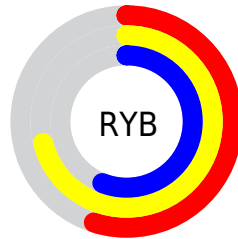
The XYZ color **40.0520, 44.9331, 31.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1510, 27.9744, 48.1217**, and the grayscale version is **41.5185, 43.6807, 47.5683**.

A 20% lighter version of the original color is **74.5731, 82.7063, 63.0724**, and **18.2999, 20.8743, 12.7375** is the 20% darker color. If you saturate the color by 10%, you get **38.5205, 44.2874, 24.8659**, and if you desaturate by 10%, it is **41.8107, 45.6730, 39.0511**.

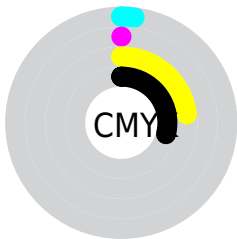
Distribution



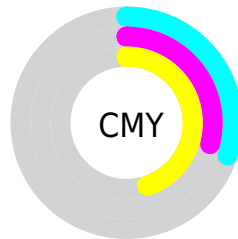
- Red (70%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0520, 44.9331, 31.3729 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 40.0520, 44.9331, 31.3729 by changing the saturation by 10% instead.

■ 40.0520, 44.9331,
31.3729

■ 40.0520, 44.9331,
31.3729

337.4734,
366.5025, 322.6568

■ 27.7635, 31.4047,
20.6221

■ 74.5265, 82.6200,
62.9131

■ 18.2870, 20.9072,
12.6595

■ 97.4432, 107.5473,
84.5397

■ 11.2572, 13.0562,
7.0666

■ 124.6334,
137.0431, 110.6285

■ 6.3086, 7.4673,
3.4247

156.4624,
171.4918, 141.5983

■ 3.0761, 3.7560,
1.3154

193.2955,
211.2776, 177.8675

■ 1.1941, 1.5380,
0.0743

235.4981,

■ 0.1017, 0.3153,

256.7851, 219.8546

0.0000

283.4356,
308.3986, 267.9782

■ 0.0000, 0.0000,
0.0000

■ 40.0520, 44.9331,
31.3729

■ 40.0520, 44.9331,
31.3729

■ 38.5205, 44.2874,
24.8659

■ 41.8107, 45.6730,
39.0511

■ 37.2017, 43.7257,
19.4697

■ 43.8033, 46.5053,
47.9512

■ 36.0851, 43.2451,
15.1232

■ 46.0405, 47.4358,
58.1241

■ 35.1576, 42.8404,
11.7577

■ 48.5312, 48.4680,
69.6175

■ 34.4046, 42.5060,
9.2968

■ 51.2840, 49.6054,
82.4760

■ 33.8095, 42.2349,
7.6527

■ 54.3071, 50.8512,
96.7427

■ 33.3523, 42.0194,
6.7200

■ 55.5458, 51.3836,
101.5982

■ 33.0883, 41.8914,
6.3419

■ 55.8683, 51.5498,
101.6133

■ 56.1936, 51.7175,
101.6285

Harmonies

Analogous

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



43.8969, 44.9331, 30.5056



40.0520, 44.9331, 31.3729



37.0962, 44.9331, 36.5341

Triad

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



40.0520, 44.9331, 31.3729



38.1281, 44.9331, 67.7589



50.6174, 44.9331, 52.3776

Complementary

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



40.0520, 44.9331, 31.3729



29.1510, 27.9744, 48.1217

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.



48.8580, 44.9331, 63.8406



40.0520, 44.9331, 31.3729



41.5399, 44.9331, 73.5738

Square

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



40.0520, 44.9331, 31.3729



36.0337, 44.9331, 57.1116



45.4780, 44.9331, 72.0393



50.1584, 44.9331, 41.5598

Rectangle

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



40.0520, 44.9331, 31.3729



35.9507, 44.9331, 42.2197



45.4780, 44.9331, 72.0393



50.2620, 44.9331, 56.3040

Sweetspot

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



40.0532, 44.9351, 31.3739



77.8985, 83.6782, 80.1382



33.8190, 31.4246, 29.0946



17.1575, 18.4620, 17.4860



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.0532, 44.9351, 31.3739



71.0632, 80.8089, 50.2545



35.6032, 42.6410, 31.1656



9.6851, 10.4698, 9.6173



23.3889, 29.5937, 4.4794



0.8436, 1.0531, 0.1588

Inverse Universe

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



29.1510, 27.9744, 48.1217



47.6144, 44.3255, 86.2818



33.0916, 30.0058, 48.3061



8.5790, 8.7493, 11.3161



6.1024, 2.4571, 31.4057



0.2353, 0.0970, 1.1081

Previews

White Background



This preview shows how the XYZ color 40.0520, 44.9331, 31.3729 looks on a white background.

Color Contrast Check

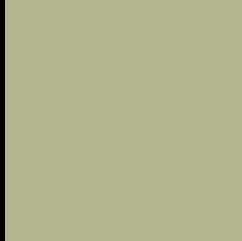
Large Text (above 18pt) WCAG AA × Fail

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 40.0520, 44.9331, 31.3729 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

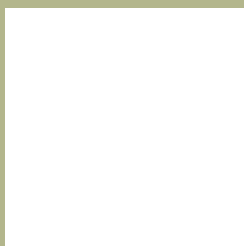
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0520, 44.9331, 31.3729

Background



This preview shows how black text looks on a background with the XYZ color 40.0520, 44.9331, 31.3729.



This preview shows how white text looks on a background with the XYZ color 40.0520, 44.9331,

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

40.0520, 44.9331, 31.3729

Protanopia

41.9937, 44.7521, 30.4695

Deuteranopia

45.6474, 44.8679, 31.8457



Tritanopia

44.7650, 44.7732, 54.4268

Trichromacy



Original Color

40.0520, 44.9331, 31.3729

Protanomaly

41.2738, 44.6691, 30.8727

Deuteranomaly

43.3590, 44.8441, 31.5698

Tritanomaly

42.7995, 44.8483, 44.9289

Monochromacy



Original Color

40.0520, 44.9331, 31.3729

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6627, 43.8322, 40.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0520, 44.9331, 31.3729 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, 182, 140)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 140)  
}
```

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, 182, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 140) }
```

Border

The CSS property to change the border of an element to XYZ 40.0520, 44.9331, 31.3729 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, 182, 140) }
```


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

```
.border{ border-color:rgb(179, 182, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 140);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0520, 44.9331, 31.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 140) }
```

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

```
.background{ background-color: rgb(179,  
182, 140) }
```

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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