

Converting Colors

XYZ(40.2444, 44.4622, 29.3854)

Have a look what the booklet for
XYZ(40.2444, 44.4622, 29.3854)
contains.

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Color

**XYZ(40.2229, 44.4591,
29.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B487
RGB	183, 180, 135
RGB Percent	72%, 71%, 53%
CMY	0.2824, 0.2941, 0.4706
CMYK	0.00, 0.02, 0.26, 0.28
HSL	56°, 25%, 62%
HSV	56°, 26%, 72%
XYZ	40.2229, 44.4591, 29.3832
YIQ	175.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

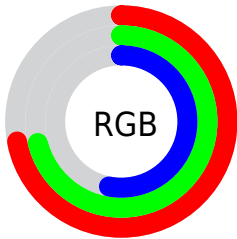
Format	Color
RYB	138, 183, 135
Decimal	12039303
CIELab	72.53, -6.22, 23.40
CIELCh	73, 24.215, 104.894
Yxy	44.4591, 0.3526, 0.3898
Android (android.graphics.Color)	4290229383 (0xFFB7B487)
YUV	175.7670, -20.0981, 6.3433
Hunter-Lab	66.6777, -9.0068, 20.5467

Details

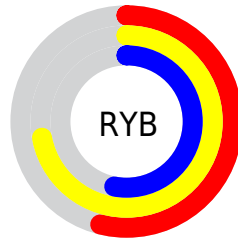
The XYZ color **40.2229, 44.4591, 29.3832** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6273, 26.7461, 48.5063**, and the grayscale version is **41.2419, 43.3897, 47.2513**.

A 20% lighter version of the original color is **74.7774, 82.0158, 60.0335**, and **18.2823, 20.5017, 11.5880** is the 20% darker color. If you saturate the color by 10%, you get **38.8145, 43.5299, 23.0942**, and if you desaturate by 10%, it is **41.8570, 45.4847, 36.8412**.

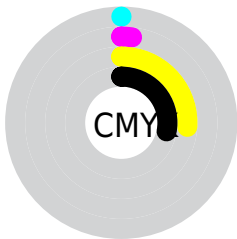
Distribution



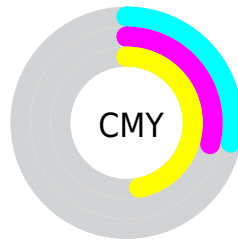
- Red (72%)
- Green (71%)
- Blue (53%)



- Red (54%)
- Yellow (72%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (28%)





- Cyan (28%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2229, 44.4591, 29.3832 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 40.2229, 44.4591, 29.3832 by changing the saturation by 10% instead.


 40.2229, 44.4591,
29.3832


 40.2229, 44.4591,
29.3832


338.1805,
364.5785, 313.1361


 27.8974, 31.0316,
19.1228


 74.7850, 81.9081,
59.7348

 18.3884, 20.6229,
11.5814


 97.7523, 106.6985,
80.6631

 11.3305, 12.8486,
6.3402


 124.9975,
136.0452, 105.9845

 6.3585, 7.3244,
2.9809

156.8861,
170.3327, 136.1174

 3.1070, 3.6658,
1.0849

193.7833,
209.9454, 171.4805

 1.2106, 1.4884,
0.0000

236.0545,

 0.1147, 0.2806,

255.2676, 212.4923

0.0000

284.0651,
306.6839, 259.5713

■ 0.0000, 0.0000,
0.0000

■ 40.2229, 44.4591,
29.3832

■ 40.2229, 44.4591,
29.3832

■ 38.8145, 43.5299,
23.0942

■ 41.8570, 45.4847,
36.8412

■ 37.6170, 42.6865,
17.9117

■ 43.7239, 46.6050,
45.5207

■ 36.6193, 41.9261,
13.7716

■ 45.8346, 47.8258,
55.4745

■ 35.8077, 41.2431,
10.6024

■ 48.1983, 49.1509,
66.7516

■ 35.1668, 40.6314,
8.3232

■ 50.8239, 50.5838,
79.3981

■ 34.6790, 40.0840,
6.8403

■ 53.7198, 52.1279,
93.4581

■ 34.3208, 39.5914,
6.0312

■ 55.5616, 53.2535,
101.9583

■ 34.2011, 39.4126,
5.8048

■ 55.8066, 53.7434,
102.0399

■ 56.0534, 54.2372,
102.1222

Harmonies

Analogous

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



44.3882, 44.4591, 29.3990



40.2229, 44.4591, 29.3832



36.8299, 44.4591, 33.8534

Triad

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



40.2229, 44.4591, 29.3832



36.8108, 44.4591, 66.5573



50.5088, 44.4591, 54.6637

Complementary

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



40.2229, 44.4591, 29.3832



27.6273, 26.7461, 48.5063

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.



48.1928, 44.4591, 66.6315



40.2229, 44.4591, 29.3832



40.1952, 44.4591, 74.2308

Square

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



40.2229, 44.4591, 29.3832



34.9501, 44.4591, 54.5748



44.3586, 44.4591, 74.2600



50.5175, 44.4591, 42.7249

Rectangle

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



40.2229, 44.4591, 29.3832



35.3833, 44.4591, 39.2768



44.3586, 44.4591, 74.2600



49.9679, 44.4591, 58.8558

Sweetspot

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



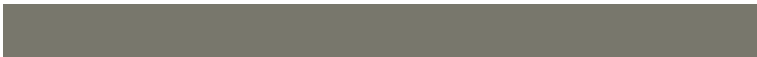
40.2240, 44.4611, 29.3841



77.6390, 83.0730, 78.3945



32.7948, 29.2366, 28.0361



17.0335, 18.2801, 16.7804



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.



40.2240, 44.4611, 29.3841



70.6580, 78.7276, 46.4205



36.2480, 43.3189, 29.3732



9.7009, 10.4048, 9.6039



23.8780, 27.5323, 4.0558



0.8563, 0.9997, 0.1478

Inverse Universe

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



27.6273, 26.7461, 48.5063



44.5859, 42.0639, 86.0049



30.8833, 27.7954, 48.5373



8.5649, 8.8070, 11.3279



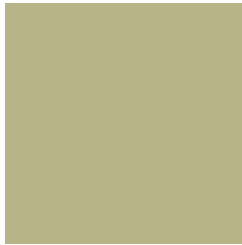
6.0681, 2.5958, 31.4343



0.2292, 0.1221, 1.1132

Previews

White Background



This preview shows how the XYZ color 40.2229, 44.4591, 29.3832 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 40.2229, 44.4591, 29.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

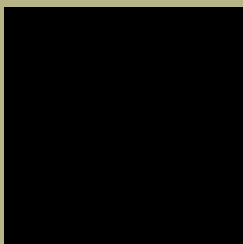
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

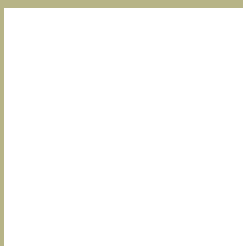
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2229, 44.4591, 29.3832

Background



This preview shows how black text looks on a background with the XYZ color 40.2229, 44.4591, 29.3832.



This preview shows how white text looks on a background with the XYZ color 40.2229, 44.4591,

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

40.2229, 44.4591, 29.3832

Protanopia

41.4587, 44.5092, 28.9603

Deuteranopia

45.3728, 44.4873, 29.8624



Tritanopia

45.1484, 44.4221, 53.2085

Trichromacy



Original Color

40.2229, 44.4591, 29.3832

Protanomaly

40.9167, 44.5262, 28.9921

Deuteranomaly

43.3994, 44.3290, 29.5615

Tritanomaly

43.0867, 44.4426, 43.3532

Monochromacy



Original Color

40.2229, 44.4591, 29.3832

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7456, 43.6012, 39.9866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2229, 44.4591, 29.3832 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(183, 180, 135)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 135)  
}
```

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(183, 180, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 135) }
```

Border

The CSS property to change the border of an element to XYZ 40.2229, 44.4591, 29.3832 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(183, 180, 135) }
```


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

```
.border{ border-color:rgb(183, 180, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 135);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2229, 44.4591, 29.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 135) }
```

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

```
.background{ background-color: rgb(183,  
180, 135) }
```

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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