

Converting Colors

XYZ(41.2174, 45.6124, 32.7069)

Have a look what the booklet for
XYZ(41.2174, 45.6124, 32.7069)
contains.

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Color

**XYZ(41.2143, 45.5063,
32.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B68F
RGB	183, 182, 143
RGB Percent	72%, 71%, 56%
CMY	0.2824, 0.2863, 0.4392
CMYK	0.00, 0.01, 0.22, 0.28
HSL	59°, 22%, 64%
HSV	59°, 22%, 72%
XYZ	41.2143, 45.5063, 32.5980
YIQ	177.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

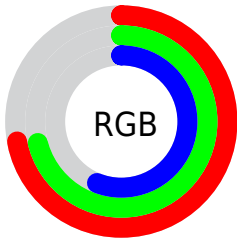
Format	Color
RYB	144, 183, 143
Decimal	12039823
CIELab	73.22, -6.14, 20.04
CIELCh	73, 20.958, 107.030
Yxy	45.5063, 0.3454, 0.3814
Android (android.graphics.Color)	4290229903 (0xFFB7B68F)
YUV	177.8530, -17.1825, 4.5139
Hunter-Lab	67.4584, -8.9959, 18.5701

Details

The XYZ color **41.2143, 45.5063, 32.5980** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8482, 29.2045, 48.8639**, and the grayscale version is **42.3233, 44.5274, 48.4903**.

A 20% lighter version of the original color is **76.2492, 83.5310, 64.9277**, and **18.9879, 21.2190, 13.2201** is the 20% darker color. If you saturate the color by 10%, you get **39.8469, 44.8118, 25.8516**, and if you desaturate by 10%, it is **42.8106, 46.2959, 40.5375**.

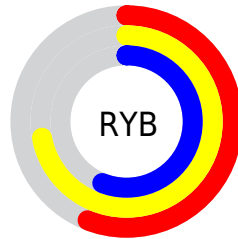
Distribution



Red (72%)

Green (71%)

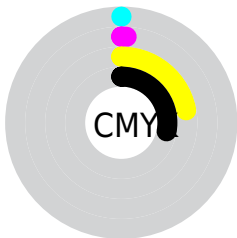
Blue (56%)



Red (56%)

Yellow (72%)

Blue (56%)

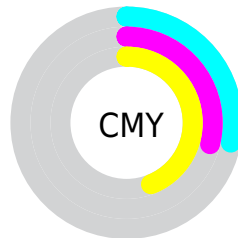


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2143, 45.5063, 32.5980 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 41.2143, 45.5063, 32.5980 by changing the saturation by 10% instead.

■ 41.2143, 45.5063,
32.5980

■ 41.2143, 45.5063,
32.5980

342.2628,
368.8202, 328.4107

■ 28.6750, 31.8564,
21.5501

■ 76.2818, 83.4796,
64.8562

■ 18.9781, 21.2518,
13.3315

■ 99.5406, 108.5719,
86.9035

■ 11.7584, 13.3082,
7.5238

127.1033,
138.2470, 113.4543

■ 6.6504, 7.6411,
3.7084

159.3353,
172.8895, 144.9273

■ 3.2888, 3.8662,
1.4668

196.6019,
212.8837, 181.7408

■ 1.3083, 1.5990,
0.1930

239.2684,

■ 0.1894, 0.3569,

258.6139, 224.3136

0.0000

287.7003,
310.4646, 273.0640

■ 0.0000, 0.0000,
0.0000

■ 41.2143, 45.5063,
32.5980

■ 41.2143, 45.5063,
32.5980

■ 39.8469, 44.8118,
25.8516

■ 42.8106, 46.2959,
40.5375

■ 38.6939, 44.2020,
20.2379

■ 44.6424, 47.1787,
49.7211

■ 37.7445, 43.6742,
15.6952


■ 46.7205, 48.1604,
60.2002


■ 36.9858, 43.2231,
12.1551


■ 49.0539, 49.2448,
72.0224


■ 36.4033, 42.8430,
9.5411


■ 51.6513, 50.4353,
85.2332


 35.9803, 42.5271,
7.7659


 54.5209, 51.7351,
99.8755

 35.6971, 42.2677,
6.7253

 54.9681, 52.0665,
101.7604

 35.5375, 42.0852,
6.2502

 55.0637, 52.2577,
101.7923

 55.1596, 52.4495,
101.8243

Harmonies

Analogous

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



44.8590, 45.5063, 32.3179



41.2143, 45.5063, 32.5980



38.2819, 45.5063, 36.9870

Triad

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



41.2143, 45.5063, 32.5980



38.6093, 45.5063, 65.8931



50.5156, 45.5063, 54.2343

Complementary

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



41.2143, 45.5063, 32.5980



29.8482, 29.2045, 48.8639

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.



48.6355, 45.5063, 64.6739



41.2143, 45.5063, 32.5980



41.6846, 45.5063, 72.0195

Square

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



41.2143, 45.5063, 32.5980



36.8374, 45.5063, 55.7195



45.3566, 45.5063, 71.5441



50.3720, 45.5063, 43.8511

Rectangle

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



41.2143, 45.5063, 32.5980



37.0630, 45.5063, 42.0582



45.3566, 45.5063, 71.5441



50.0950, 45.5063, 57.8794

Sweetspot

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



41.2155, 45.5083, 32.5990



78.1743, 83.6428, 80.1168



34.4110, 31.7366, 30.8321



17.2235, 18.4535, 17.4809



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.



41.2155, 45.5083, 32.5990



72.6460, 80.9142, 52.5999



37.2706, 43.7785, 32.4730



9.7305, 10.4640, 9.6138



24.7993, 29.3749, 4.3629



0.8803, 1.0477, 0.1558

Inverse Universe

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



29.8482, 29.2045, 48.8639



48.8249, 46.7487, 86.6858



33.2029, 30.7110, 48.9778



8.5386, 8.7543, 11.3192



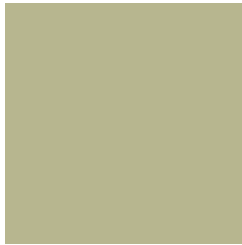
6.0047, 2.4692, 31.4132



0.2178, 0.0992, 1.1094

Previews

White Background



This preview shows how the XYZ color 41.2143, 45.5063, 32.5980 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 41.2143, 45.5063, 32.5980 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

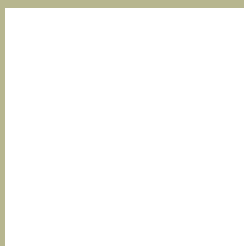
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2143, 45.5063, 32.5980

Background



This preview shows how black text looks on a background with the XYZ color 41.2143, 45.5063, 32.5980.



This preview shows how white text looks on a background with the XYZ color 41.2143, 45.5063,

32.5980.

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

41.2143, 45.5063, 32.5980

Protanopia

42.4884, 45.2696, 32.0897

Deuteranopia

46.3489, 45.4868, 33.1250



Tritanopia

45.8059, 45.5872, 55.1002

Trichromacy



Original Color

41.2143, 45.5063, 32.5980

Protanomaly

41.9428, 45.2869, 32.1218

Deuteranomaly

44.3788, 45.3436, 32.7987

Tritanomaly

43.9567, 45.4227, 45.9859

Monochromacy



Original Color

41.2143, 45.5063, 32.5980

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7340, 44.6601, 42.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2143, 45.5063, 32.5980 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, 182, 143)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 143)  
}
```

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, 182, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.2143, 45.5063, 32.5980 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, 182, 143) }
```


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

```
.border{ border-color:rgb(183, 182, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 143);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2143, 45.5063, 32.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 143) }
```

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

```
.background{ background-color: rgb(183,  
182, 143) }
```

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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