

Converting Colors

XYZ(41.4083, 45.3202, 36.2715)

Have a look what the booklet for
XYZ(41.4083, 45.3202, 36.2715)
contains.

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Color

**XYZ(41.2474, 45.1385,
36.2444)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B598
RGB	181, 181, 152
RGB Percent	71%, 71%, 60%
CMY	0.2902, 0.2902, 0.4039
CMYK	0.00, 0.00, 0.16, 0.29
HSL	60°, 16%, 65%
HSV	60°, 16%, 71%
XYZ	41.2474, 45.1385, 36.2444
YIQ	177.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

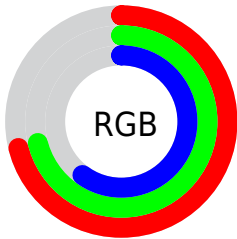
Format	Color
RYB	152, 181, 152
Decimal	11908504
CIELab	72.98, -5.00, 14.81
CIELCh	73, 15.631, 108.647
Yxy	45.1385, 0.3364, 0.3681
Android (android.graphics.Color)	4290098584 (0xFFB5B598)
YUV	177.6940, -12.6671, 2.8994
Hunter-Lab	67.1852, -7.9865, 15.0445

Details

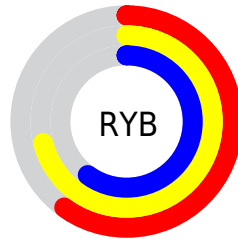
The XYZ color **41.2474, 45.1385, 36.2444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5194, 32.4693, 48.2718**, and the grayscale version is **42.2176, 44.4162, 48.3692**.

A 20% lighter version of the original color is **76.3498, 83.0291, 70.3947**, and **18.9702, 20.9671, 15.3591** is the 20% darker color. If you saturate the color by 10%, you get **39.8765, 44.5916, 29.0234**, and if you desaturate by 10%, it is **42.8469, 45.7799, 44.6589**.

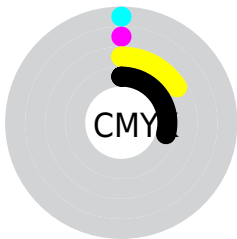
Distribution



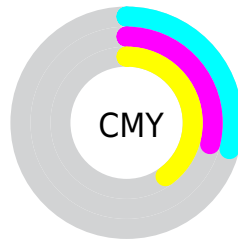
- Red (71%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2474, 45.1385, 36.2444 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 41.2474, 45.1385, 36.2444 by changing the saturation by 10% instead.

 41.2474, 45.1385,
36.2444


 41.2474, 45.1385,
36.2444


342.3985,
367.3342, 345.0972

 28.7010, 31.5665,
24.3318


 76.3316, 82.9282,
70.5824

 18.9979, 21.0306,
15.3655


 99.6002, 107.9147,
93.8449

 11.7727, 13.1464,
8.9268


127.1735,
137.4749, 121.7278

 6.6602, 7.5294,
4.5973

159.4168,
171.9931, 154.6497

 3.2950, 3.7953,
1.9584

196.6957,
211.8537, 193.0290

 1.3116, 1.5598,
0.5295

239.3753,

 0.1919, 0.3302,

257.4412, 237.2843

0.0000

287.8212,
309.1399, 287.8342

■ 0.0000, 0.0000,
0.0000

■ 41.2474, 45.1385,
36.2444

■ 41.2474, 45.1385,
36.2444

■ 39.8765, 44.5916,
29.0234

■ 42.8469, 45.7799,
44.6589

■ 38.7206, 44.1291,
22.9392

■ 44.6811, 46.5137,
54.3145

■ 37.7696, 43.7487,
17.9348

■ 46.7602, 47.3454,
65.2597

■ 37.0118, 43.4455,
13.9472

■ 49.0928, 48.2784,
77.5394

■ 36.4337, 43.2142,
10.9066

■ 51.6868, 49.3161,
91.1965

■ 36.0207, 43.0489,
8.7348

■ 53.6346, 50.0953,
101.4503

■ 35.7554, 42.9427,
7.3409

■ 53.6353, 50.0956,
101.4503

■ 35.6155, 42.8867,
6.6075

■ 53.6359, 50.0960,
101.4503

■ 35.5759, 42.8708,
6.3998

■ 53.6365, 50.0963,
101.4503

Harmonies

Analogous

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



43.9436, 45.1385, 35.8421



41.2474, 45.1385, 36.2444



39.0846, 45.1385, 39.8762

Triad

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



41.2474, 45.1385, 36.2444



39.5297, 45.1385, 61.3091



48.2537, 45.1385, 52.1649

Complementary

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



41.2474, 45.1385, 36.2444



32.5194, 32.4693, 48.2718

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.



46.9619, 45.1385, 59.7563



41.2474, 45.1385, 36.2444



41.8785, 45.1385, 65.3966

Square

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



41.2474, 45.1385, 36.2444



38.1223, 45.1385, 54.1096



44.6019, 45.1385, 64.8000



48.0671, 45.1385, 44.4997

Rectangle

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



41.2474, 45.1385, 36.2444



38.2006, 45.1385, 43.8789



44.6019, 45.1385, 64.8000



47.9758, 45.1385, 54.8232

Sweetspot

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



41.2486, 45.1405, 36.2454



77.0242, 82.1024, 81.5079



35.9532, 34.5483, 34.4800



16.6014, 17.7268, 17.3734



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.



41.2486, 45.1405, 36.2454



73.0179, 80.4998, 60.4197



38.0240, 43.4781, 36.0945



9.1970, 9.9066, 9.0800



24.5240, 29.5526, 4.4117



0.7717, 0.9299, 0.1388

Inverse Universe

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



32.5194, 32.4693, 48.2718



54.6000, 53.7646, 85.7945



35.4010, 33.9548, 48.4067



8.0421, 8.2302, 10.6711



5.7500, 2.3000, 30.2779



0.1810, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 41.2474, 45.1385, 36.2444 looks on a white background.

Color Contrast Check

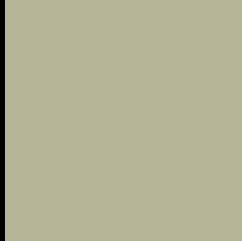
Large Text (above 18pt) WCAG AA × Fail

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 41.2474, 45.1385, 36.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

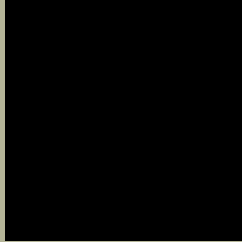
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

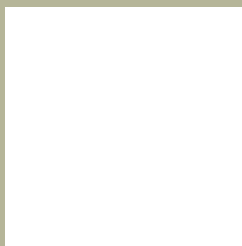
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2474, 45.1385, 36.2444

Background



This preview shows how black text looks on a background with the XYZ color 41.2474, 45.1385, 36.2444.



This preview shows how white text looks on a background with the XYZ color 41.2474, 45.1385,

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

41.2474, 45.1385, 36.2444

Protanopia

42.6923, 45.2934, 35.7705

Deuteranopia

45.7621, 44.8173, 36.8105



Tritanopia

45.0693, 45.2075, 55.0657

Trichromacy



Original Color

41.2474, 45.1385, 36.2444

Protanomaly

42.1569, 45.3160, 35.8031

Deuteranomaly

43.8447, 44.6956, 36.4532

Tritanomaly

43.5240, 45.1657, 47.4982

Monochromacy



Original Color

41.2474, 45.1385, 36.2444

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8719, 44.6885, 43.9550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2474, 45.1385, 36.2444 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(181, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 152)  
}
```

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(181, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 152) }
```

Border

The CSS property to change the border of an element to XYZ 41.2474, 45.1385, 36.2444 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(181, 181, 152) }
```


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

```
.border{ border-color:rgb(181, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2474, 45.1385, 36.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 152) }
```

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

```
.background{ background-color: rgb(181,  
181, 152) }
```

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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