

Converting Colors

XYZ(41.0085, 41.8938, 45.2598)

Have a look what the booklet for
XYZ(41.0085, 41.8938, 45.2598)
contains.

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Color

**XYZ(41.1618, 41.9667,
45.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ABAD
RGB	181, 171, 173
RGB Percent	71%, 67%, 68%
CMY	0.2902, 0.3294, 0.3216
CMYK	0.00, 0.06, 0.04, 0.29
HSL	348°, 6%, 69%
HSV	348°, 6%, 71%
XYZ	41.1618, 41.9667, 45.4661
YIQ	174.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

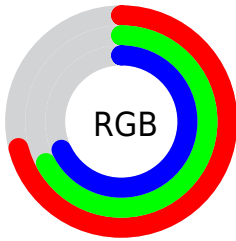
Format	Color
R _Y B	181, 171, 173
Decimal	11905965
CIE Lab	70.85, 3.94, 0.25
CIE LCh	71, 3.951, 3.628
Yxy	41.9667, 0.3201, 0.3263
Android (android.graphics.Color)	4290096045 (0xFFB5ABAD)
YUV	174.2180, -0.6005, 5.9478
Hunter-Lab	64.7817, 0.0495, 3.7354

Details

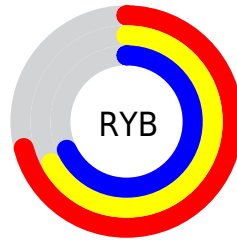
The XYZ color **41.1618, 41.9667, 45.4661** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4567, 44.9614, 49.1435**, and the grayscale version is **40.3462, 42.4474, 46.2252**.

A 20% lighter version of the original color is **76.1250, 77.9987, 84.4418**, and **18.9501, 19.1633, 20.7893** is the 20% darker color. If you saturate the color by 10%, you get **36.6480, 35.0615, 37.4174**, and if you desaturate by 10%, it is **46.2981, 49.8727, 54.4730**.

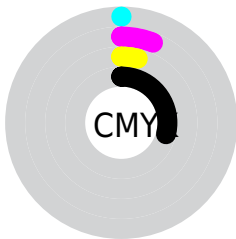
Distribution



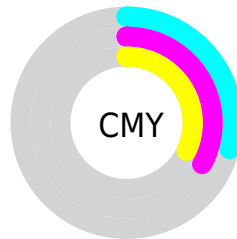
- Red (71%)
- Green (67%)
- Blue (68%)



- Red (71%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1618, 41.9667, 45.4661 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 41.1618, 41.9667, 45.4661 by changing the saturation by 10% instead.

■ 41.1618, 41.9667,
45.4661

■ 41.1618, 41.9667,
45.4661

342.0474,
354.3449, 384.8730

■ 28.6338, 29.0752,
31.4791

■ 76.2026, 78.1492,
84.7452

■ 18.9468, 19.1377,
20.7024

99.4461, 102.2091,
110.8745

■ 11.7356, 11.7698,
12.7175

126.9921,
130.7605, 141.8882

■ 6.6348, 6.5872,
7.1059

159.2060,
164.1878, 178.2049

■ 3.2791, 3.2053,
3.4490

196.4531,
202.8756, 220.2433

■ 1.3030, 1.2398,
1.3282

239.0988,

■ 0.1855, 0.0939,

247.2081, 268.4217

0.0847

287.5085,
297.5697, 323.1588

■ 0.0000, 0.0000,
0.0000

■ 41.1618, 41.9667,
45.4661

■ 41.1618, 41.9667,
45.4661

■ 36.6480, 35.0615,
37.4174

■ 46.2981, 49.8727,
54.4730

■ 32.7295, 29.1118,
30.2926

■ 52.0759, 58.8116,
64.4657

■ 29.3821, 24.0772,
24.0590

■ 58.5175, 68.8206,
75.4739

■ 26.5789, 19.9120,
18.6813

■ 65.6434, 79.9337,
87.5253

■ 24.2904, 16.5666,
14.1214

■ 71.3625, 87.9624,
99.9430

■ 22.4845, 13.9866,
10.3386

■ 72.8663, 88.5639,
107.8618

■ 21.1253, 12.1108,
7.2885

■ 20.1719, 10.8684,
4.9219

■ 19.5737, 10.1716,
3.1827

Harmonies

Analogous

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



41.0303, 41.9667, 47.3201



41.1618, 41.9667, 45.4661



40.9489, 41.9667, 43.7207

Triad

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



41.1618, 41.9667, 45.4661



39.1928, 41.9667, 42.7487



39.3297, 41.9667, 49.0123

Complementary

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



41.1618, 41.9667, 45.4661



41.4567, 44.9614, 49.1435

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.



38.8457, 41.9667, 47.7271



41.1618, 41.9667, 45.4661



38.7673, 41.9667, 44.1067

Square

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



41.1618, 41.9667, 45.4661



39.8082, 41.9667, 42.1792



38.6409, 41.9667, 45.9239



39.9681, 41.9667, 49.4001

Rectangle

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



41.1618, 41.9667, 45.4661



40.6417, 41.9667, 42.8438



38.6409, 41.9667, 45.9239



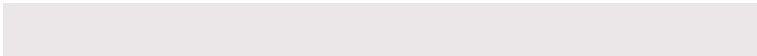
39.1438, 41.9667, 48.6692

Sweetspot

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



41.1630, 41.9685, 45.4670



76.8022, 79.8974, 86.8606



41.4951, 42.0476, 49.6456



16.6209, 17.3013, 18.8109



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.



41.1630, 41.9685, 45.4670



72.3589, 73.0743, 79.0183



41.5441, 43.0377, 44.6477



8.7516, 8.8203, 9.5338



13.3785, 6.8689, 1.8870



0.4412, 0.2242, 0.1663

Inverse Universe

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



41.1630, 41.9685, 45.4670



72.3589, 73.0743, 79.0183



41.0569, 43.8363, 50.0140



8.7516, 8.8203, 9.5338



13.3785, 6.8689, 1.8870



0.4412, 0.2242, 0.1663

Previews

White Background



This preview shows how the XYZ color 41.1618, 41.9667, 45.4661 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 41.1618, 41.9667, 45.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

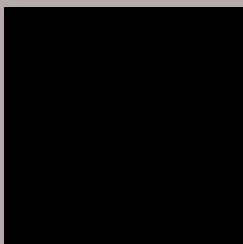
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

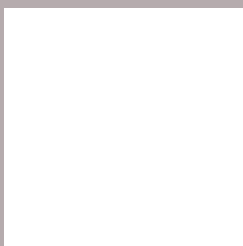
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1618, 41.9667, 45.4661

Background



This preview shows how black text looks on a background with the XYZ color 41.1618, 41.9667, 45.4661.



This preview shows how white text looks on a background with the XYZ color 41.1618, 41.9667,

45.4661.

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

41.1618, 41.9667, 45.4661

Protanopia

40.4880, 42.1732, 46.0507

Deuteranopia

42.8778, 42.0084, 45.8929



Tritanopia

42.0266, 41.7399, 50.6413

Trichromacy



Original Color

41.1618, 41.9667, 45.4661

Protanomaly

40.7526, 42.0260, 46.0083

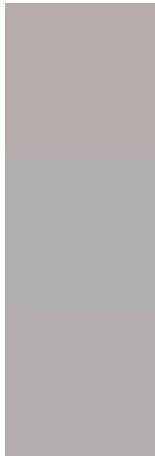
Deuteranomaly

42.3215, 41.9967, 45.9200

Tritanomaly

41.8028, 41.9492, 48.5416

Monochromacy



Original Color

41.1618, 41.9667, 45.4661

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.7150, 42.2902, 46.0613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1618, 41.9667, 45.4661 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, 171, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 173)  
}
```

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, 171, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 173) }
```

Border

The CSS property to change the border of an element to XYZ 41.1618, 41.9667, 45.4661 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, 171, 173) }
```


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

```
.border{ border-color:rgb(181, 171, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1618, 41.9667, 45.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 173) }
```

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

```
.background{ background-color: rgb(181,  
171, 173) }
```

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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