

Converting Colors

XYZ(41.1716, 47.1568, 41.5825)

Have a look what the booklet for
XYZ(41.1716, 47.1568, 41.5825)
contains.

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Color

**XYZ(41.1716, 47.1568,
41.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	AABCA3
RGB	170, 188, 163
RGB Percent	67%, 74%, 64%
CMY	0.3333, 0.2627, 0.3608
CMYK	0.10, 0.00, 0.13, 0.26
HSL	103°, 16%, 69%
HSV	103°, 13%, 74%
XYZ	41.1716, 47.1568, 41.5825
YIQ	179.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

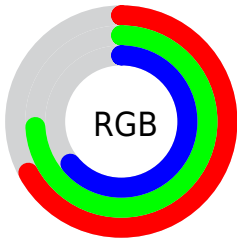
Format	Color
RYB	163, 188, 181
Decimal	11189411
CIELab	74.29, -10.86, 10.57
CIELCh	74, 15.156, 135.789
Yxy	47.1568, 0.3169, 0.3630
Android (android.graphics.Color)	4289379491 (0xFFAABCA3)
YUV	179.7680, -8.2666, -8.5665
Hunter-Lab	68.6708, -13.1542, 12.1675

Details

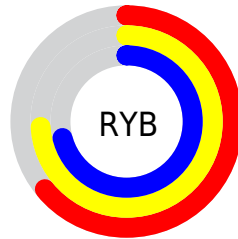
The XYZ color **41.1716, 47.1568, 41.5825** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2322, 39.6503, 53.0595**, and the grayscale version is **43.3030, 45.5581, 49.6128**.

A 20% lighter version of the original color is **76.0569, 85.7709, 78.8765**, and **19.0044, 22.3272, 18.3469** is the 20% darker color. If you saturate the color by 10%, you get **36.8337, 45.1023, 33.2304**, and if you desaturate by 10%, it is **46.0639, 49.4709, 51.2697**.

Distribution



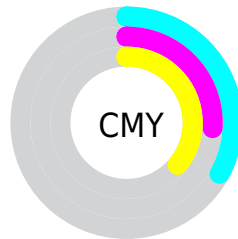
- Red (67%)
- Green (74%)
- Blue (64%)



- Red (64%)
- Yellow (74%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1716, 47.1568, 41.5825 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 41.1716, 47.1568, 41.5825 by changing the saturation by 10% instead.

■ 41.1716, 47.1568,
41.5825

■ 41.1716, 47.1568,
41.5825

342.0877,
375.4401, 368.4978

■ 28.6415, 33.1596,
28.4514

■ 76.2174, 85.9476,
78.8306

■ 18.9527, 22.2488,
18.4242

■ 99.4637, 111.5101,
103.7847

■ 11.7399, 14.0398,
11.0824

127.0129,
141.6964, 133.5169

■ 6.6378, 8.1484,
6.0074

159.2301,
176.8910, 168.4457

■ 3.2809, 4.1900,
2.7807

196.4809,
217.4783, 208.9896

■ 1.3040, 1.7804,
0.9838

239.1305,

■ 0.1862, 0.4749,

263.8426, 255.5673

0.0000

287.5443,
316.3684, 308.5971

■ 0.0000, 0.0000,
0.0000

■ 41.1716, 47.1568,
41.5825

■ 41.1716, 47.1568,
41.5825

■ 36.8337, 45.1023,
33.2304

■ 46.0639, 49.4709,
51.2697

■ 33.0264, 43.2923,
26.1520

■ 51.5258, 52.0472,
62.3438

■ 29.7294, 41.7191,
20.2856

■ 57.5766, 54.8958,
74.8575

■ 26.9200, 40.3724,
15.5629

■ 64.2337, 58.0246,
88.8599

■ 24.5734, 39.2411,
11.9092

■ 71.1893, 61.3114,
102.6899

■ 22.6626, 38.3131,
9.2409

■ 75.8989, 63.7393,
102.9104

■ 21.1572, 37.5749,
7.4616

■ 77.2741, 64.4483,
102.9747

■ 20.0222, 37.0108,
6.4558

■ 19.4330, 36.7152,
6.0625

Harmonies

Analogous

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



43.4114, 47.1568, 38.2247



41.1716, 47.1568, 41.5825



39.9342, 47.1568, 47.7515

Triad

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



41.1716, 47.1568, 41.5825



43.5479, 47.1568, 67.2986



50.0511, 47.1568, 47.3723

Complementary

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



41.1716, 47.1568, 41.5825



41.2322, 39.6503, 53.0595

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.



50.0913, 47.1568, 55.1159



41.1716, 47.1568, 41.5825



46.2611, 47.1568, 67.1706

Square

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



41.1716, 47.1568, 41.5825



41.2681, 47.1568, 62.8625



48.6802, 47.1568, 62.5288



48.5725, 47.1568, 41.3292

Rectangle

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



41.1716, 47.1568, 41.5825



39.8107, 47.1568, 52.8733



48.6802, 47.1568, 62.5288



50.2352, 47.1568, 49.8478

Sweetspot

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



41.1729, 47.1588, 41.5835



82.7642, 89.3162, 91.4809



43.8587, 46.3516, 41.2862



17.6478, 19.1361, 19.3720



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.1729, 47.1588, 41.5835



72.1834, 84.3122, 70.6278



40.1957, 46.5978, 44.1264



9.6528, 10.7754, 10.1477



13.2938, 25.0291, 4.1304



0.5868, 1.0145, 0.1649

Inverse Universe

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



41.2322, 39.6503, 53.0595



72.3113, 68.0105, 95.5423



42.3419, 40.2885, 50.1195



9.6625, 9.5584, 12.0079



13.0989, 6.0388, 32.8681



0.5737, 0.2678, 1.2903

Previews

White Background



This preview shows how the XYZ color 41.1716, 47.1568, 41.5825 looks on a white background.

Color Contrast Check

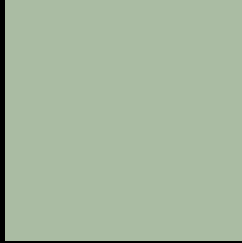
Large Text (above 18pt) WCAG AA × Fail

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 41.1716, 47.1568, 41.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

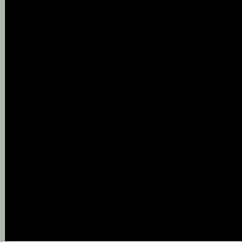
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1716, 47.1568, 41.5825

Background



This preview shows how black text looks on a background with the XYZ color 41.1716, 47.1568, 41.5825.



This preview shows how white text looks on a background with the XYZ color 41.1716, 47.1568,

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

41.1716, 47.1568, 41.5825

Protanopia

44.5590, 47.0703, 39.9947

Deuteranopia

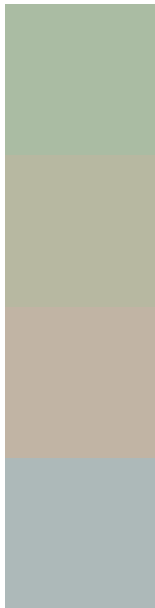
47.7705, 46.8891, 42.1300



Tritanopia

44.8057, 47.0581, 60.1477

Trichromacy



Original Color

41.1716, 47.1568, 41.5825

Protanomaly

43.1020, 46.9215, 40.5032

Deuteranomaly

45.0144, 46.6603, 41.7558

Tritanomaly

43.3395, 47.0849, 52.7030

Monochromacy



Original Color

41.1716, 47.1568, 41.5825

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.4780, 46.1531, 46.7140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1716, 47.1568, 41.5825 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(170, 188, 163)` looks like.

```
.text, #text, p{  
    color:rgb(170, 188, 163)  
}
```

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(170, 188, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 188, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.1716, 47.1568, 41.5825 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(170, 188, 163) }
```


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

```
.border{ border-color:rgb(170, 188, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 188, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 188, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 188, 163);  
box-shadow:4px 4px 4px 4px rgb(170, 188,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1716, 47.1568, 41.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 188, 163) }
```

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

```
.background{ background-color: rgb(170,  
188, 163) }
```

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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