

Converting Colors

XYZ(42.7519, 48.5788, 43.1998)

Have a look what the booklet for
XYZ(42.7519, 48.5788, 43.1998)
contains.

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Color

**XYZ(42.7519, 48.5788,
43.1998)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBEA6
RGB	174, 190, 166
RGB Percent	68%, 75%, 65%
CMY	0.3176, 0.2549, 0.3490
CMYK	0.08, 0.00, 0.13, 0.25
HSL	100°, 16%, 70%
HSV	100°, 13%, 75%
XYZ	42.7519, 48.5788, 43.1998
YIQ	182.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

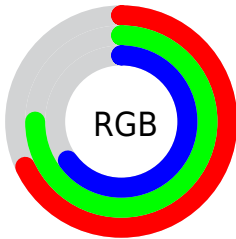
Format	Color
RYB	166, 190, 182
Decimal	11452070
CIELab	75.19, -9.96, 10.26
CIELCh	75, 14.297, 134.141
Yxy	48.5788, 0.3178, 0.3611
Android (android.graphics.Color)	4289642150 (0xFFAEBEA6)
YUV	182.4800, -8.1246, -7.4370
Hunter-Lab	69.6985, -12.4834, 12.0404

Details

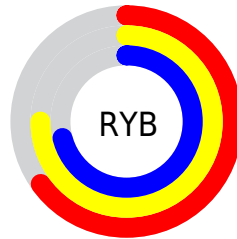
The XYZ color **42.7519, 48.5788, 43.1998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2240, 40.9367, 54.3940**, and the grayscale version is **44.7700, 47.1015, 51.2936**.

A 20% lighter version of the original color is **78.6400, 87.9550, 81.2389**, and **20.0090, 23.2438, 19.3515** is the 20% darker color. If you saturate the color by 10%, you get **38.4459, 46.5471, 34.5624**, and if you desaturate by 10%, it is **47.5843, 50.8549, 53.2081**.

Distribution



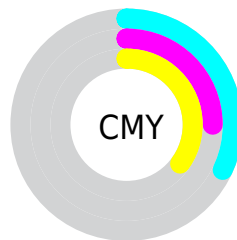
- Red (68%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7519, 48.5788, 43.1998 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 42.7519, 48.5788, 43.1998 by changing the saturation by 10% instead.

■ 42.7519, 48.5788,
43.1998

■ 42.7519, 48.5788,
43.1998

348.5293,
381.0818, 375.3781

■ 29.8842, 34.2855,
29.7094

■ 78.5944, 88.0656,
81.3019

■ 19.8983, 23.1130,
19.3679

■ 102.2999,
114.0278, 106.7506

■ 12.4290, 14.6770,
11.7569

130.3486,
144.6484, 137.0224

■ 7.1108, 8.5930,
6.4579

163.1060,
180.3119, 172.5360

■ 3.5784, 4.4767,
3.0522

200.9375,
221.4026, 213.7098

■ 1.4665, 1.9436,
1.1213

244.2082,

■ 0.3029, 0.5744,

268.3048, 260.9624

0.0000

293.2837,
321.4031, 314.7123

■ 0.0000, 0.0000,
0.0000

■ 42.7519, 48.5788,
43.1998

■ 42.7519, 48.5788,
43.1998

■ 38.4459, 46.5471,
34.5624

■ 47.5843, 50.8549,
53.2081

■ 34.6439, 44.7454,
27.2331

■ 52.9568, 53.3771,
64.6400

■ 31.3273, 43.1669,
21.1490

■ 58.8874, 56.1548,
77.5494

■ 28.4750, 41.8022,
16.2406

■ 65.3921, 59.1953,
91.9864

■ 26.0643, 40.6412,
12.4319

■ 71.5043, 62.1127,
102.8280

■ 24.0701, 39.6729,
9.6377

■ 75.8932, 64.3752,
103.0334

■ 22.4644, 38.8850,
7.7603

■ 77.7045, 65.3089,
103.1182

■ 21.2150, 38.2635,
6.6828

■ 20.4848, 37.8962,
6.2350

Harmonies

Analogous

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



44.9527, 48.5788, 40.0990



42.7519, 48.5788, 43.1998



41.4936, 48.5788, 49.0479

Triad

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



42.7519, 48.5788, 43.1998



44.8094, 48.5788, 68.0243



51.2329, 48.5788, 49.4465

Complementary

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



42.7519, 48.5788, 43.1998



42.2240, 40.9367, 54.3940

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.



51.1910, 48.5788, 56.9362



42.7519, 48.5788, 43.1998



47.4146, 48.5788, 68.1568

Square

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



42.7519, 48.5788, 43.1998



42.6505, 48.5788, 63.5932



49.7713, 48.5788, 63.9399



49.8837, 48.5788, 43.4677

Rectangle

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



42.7519, 48.5788, 43.1998



41.3275, 48.5788, 53.9429



49.7713, 48.5788, 63.9399



51.3826, 48.5788, 51.8589

Sweetspot

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



42.7532, 48.5809, 43.2009



84.9121, 91.5343, 93.6630



44.8481, 47.1584, 42.8159



18.4942, 20.0287, 20.2504



92.9021, 97.7402, 106.4391



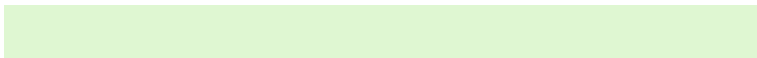
19.4759, 20.4902, 22.3138

Same Dimension

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



42.7532, 48.5809, 43.2009



75.3436, 87.0277, 73.9616



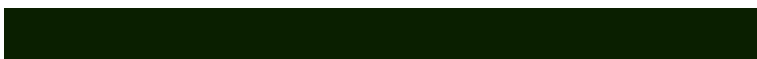
41.3966, 47.8384, 45.0832



9.7003, 10.7999, 10.1500



13.6957, 25.2363, 4.1492



0.6072, 1.0250, 0.1658

Inverse Universe

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



42.2240, 40.9367, 54.3940



74.2065, 70.6123, 97.9976



43.7362, 41.7661, 52.2132



9.6126, 9.5327, 12.0056



12.0546, 5.5004, 32.8192



0.5388, 0.2498, 1.2887

Previews

White Background



This preview shows how the XYZ color 42.7519, 48.5788, 43.1998 looks on a white background.

Color Contrast Check

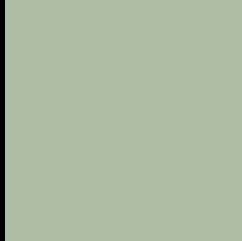
Large Text (above 18pt) WCAG AA × Fail

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 42.7519, 48.5788, 43.1998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

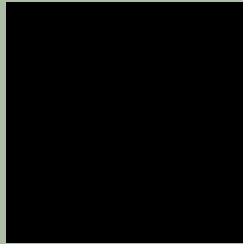
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7519, 48.5788, 43.1998

Background



This preview shows how black text looks on a background with the XYZ color 42.7519, 48.5788, 43.1998.



This preview shows how white text looks on a background with the XYZ color 42.7519, 48.5788,

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

42.7519, 48.5788, 43.1998

Protanopia

45.7437, 48.2628, 41.5550

Deuteranopia

49.2828, 48.2233, 43.7563



Tritanopia

46.3647, 48.4518, 61.5520

Trichromacy



Original Color

42.7519, 48.5788, 43.1998

Protanomaly

44.5094, 48.2373, 42.0868

Deuteranomaly

46.4680, 47.9817, 43.3715

Tritanomaly

44.9789, 48.5186, 54.5713

Monochromacy



Original Color

42.7519, 48.5788, 43.1998

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7758, 47.4162, 47.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7519, 48.5788, 43.1998 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(174, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 190, 166)  
}
```

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(174, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.7519, 48.5788, 43.1998 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(174, 190, 166) }
```


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

```
.border{ border-color:rgb(174, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7519, 48.5788, 43.1998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 190, 166) }
```

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

```
.background{ background-color: rgb(174,  
190, 166) }
```

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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