

Converting Colors

XYZ(44.3848, 53.2120, 32.8820)

Have a look what the booklet for
XYZ(44.3848, 53.2120, 32.8820)
contains.

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Color

**XYZ(44.4427, 53.3700,
32.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C98C
RGB	180, 201, 140
RGB Percent	71%, 79%, 55%
CMY	0.2941, 0.2117, 0.4510
CMYK	0.10, 0.00, 0.30, 0.21
HSL	81°, 36%, 67%
HSV	81°, 30%, 79%
XYZ	44.4427, 53.3700, 32.7700
YIQ	187.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

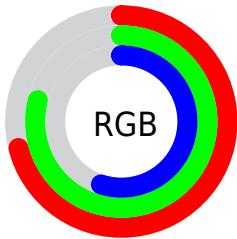
Format	Color
RYB	140, 201, 161
Decimal	11848076
CIELab	78.09, -17.49, 28.20
CIELCh	78, 33.183, 121.809
Yxy	53.3700, 0.3403, 0.4087
Android (android.graphics.Color)	4290038156 (0xFFB4C98C)
YUV	187.7670, -23.5491, -6.8117
Hunter-Lab	73.0548, -19.2558, 24.5428

Details

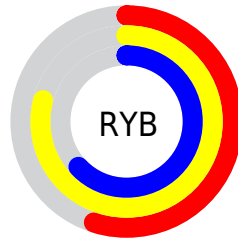
The XYZ color **44.4427, 53.3700, 32.7700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.6207, 30.5517, 59.3336**, and the grayscale version is **47.7955, 50.2846, 54.7599**.

A 20% lighter version of the original color is **80.0897, 93.2479, 64.8164**, and **20.8411, 26.0243, 13.3759** is the 20% darker color. If you saturate the color by 10%, you get **41.5232, 52.0225, 25.5908**, and if you desaturate by 10%, it is **47.7162, 54.8720, 41.3812**.

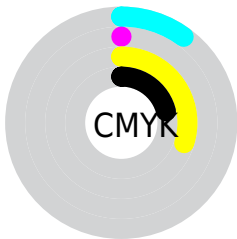
Distribution



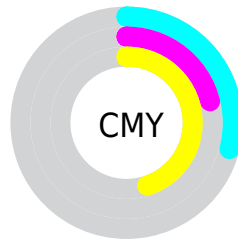
- Red (71%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4427, 53.3700, 32.7700 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 44.4427, 53.3700, 32.7700 by changing the saturation by 10% instead.


 44.4427, 53.3700,
32.7700


 44.4427, 53.3700,
32.7700


355.3336,
399.7030, 329.2122


 31.2181, 38.0982,
21.6806


 81.1257, 95.1486,
65.1281

 20.9176, 26.0589,
13.4264

 105.3148,
122.4242, 87.2340

 13.1759, 16.8677,
7.5886


 133.8895,
154.4699, 113.8491

 7.6276, 10.1402,
3.7489

167.2151,
191.6700, 145.3920

 3.9074, 5.4920,
1.4886

205.6569,
234.4090, 182.2812

 1.6499, 2.5387,
0.2094

249.5804,

 0.4246, 0.8960,

283.0712, 224.9353

0.0000

299.3508,
338.0411, 273.7728

■ 0.0000, 0.0000,
0.0000

■ 44.4427, 53.3700,
32.7700

■ 44.4427, 53.3700,
32.7700

■ 41.5232, 52.0225,
25.5908

■ 47.7162, 54.8720,
41.3812

■ 38.9376, 50.8159,
19.7624

■ 51.3543, 56.5275,
51.4927

■ 36.6700, 49.7455,
15.2007


■ 55.3723, 58.3445,
63.1728


■ 34.7012, 48.8036,
11.8108


■ 59.7832, 60.3283,
76.4845

■ 33.0094, 47.9811,
9.4847


■ 64.5994, 62.4841,
91.4873


 31.5689, 47.2678,
8.0939

 68.9168, 64.4502,
103.4156

 30.3717, 46.6646,
7.4064

 71.0745, 65.5625,
103.5165

 73.3201, 66.7202,
103.6216

 75.6546, 67.9237,
103.7309

Harmonies

Analogous

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



50.3345, 53.3700, 29.2599



44.4427, 53.3700, 32.7700



40.5249, 53.3700, 42.8407

Triad

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



44.4427, 53.3700, 32.7700



45.0691, 53.3700, 95.5463



64.2168, 53.3700, 56.9923

Complementary

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



44.4427, 53.3700, 32.7700



34.6207, 30.5517, 59.3336

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.



62.5110, 53.3700, 76.6365



44.4427, 53.3700, 32.7700



51.1207, 53.3700, 101.5349

Square

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



44.4427, 53.3700, 32.7700



40.8643, 53.3700, 79.0056



57.5765, 53.3700, 93.9864



62.0603, 53.3700, 41.2690

Rectangle

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



44.4427, 53.3700, 32.7700



39.3737, 53.3700, 53.1772



57.5765, 53.3700, 93.9864



64.0755, 53.3700, 63.3406

Sweetspot

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



44.4441, 53.3723, 32.7711



88.7250, 97.1410, 90.4550



41.4516, 39.5700, 30.2647



18.7830, 20.6979, 18.7685



0.0000, 0.0000, 0.0000



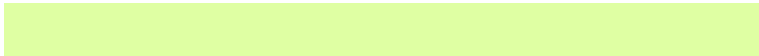
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4441, 53.3723, 32.7711



72.9412, 89.9219, 48.2566



38.2303, 50.1690, 32.4803



11.1556, 12.2272, 11.3349



19.1972, 29.3918, 4.6614



0.9846, 1.4307, 0.2243

Inverse Universe

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



34.6207, 30.5517, 59.3336



53.6388, 45.0620, 100.4785



41.3665, 34.0293, 59.6493



10.3953, 10.4620, 13.3890



8.2704, 3.4978, 34.9836



0.4696, 0.2058, 1.6601

Previews

White Background



This preview shows how the XYZ color 44.4427, 53.3700, 32.7700 looks on a white background.

Color Contrast Check

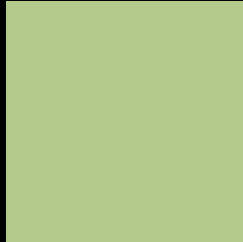
Large Text (above 18pt) WCAG AA × Fail

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 44.4427, 53.3700, 32.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

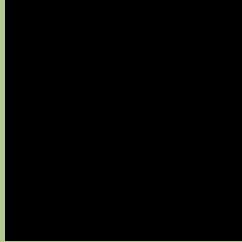
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4427, 53.3700, 32.7700

Background



This preview shows how black text looks on a background with the XYZ color 44.4427, 53.3700, 32.7700.



This preview shows how white text looks on a background with the XYZ color 44.4427, 53.3700,

32.7700.

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

44.4427, 53.3700, 32.7700

Protanopia

49.5263, 53.3274, 30.9755

Deuteranopia

54.3018, 53.1751, 33.3884



Tritanopia

51.2211, 53.0722, 67.2188

Trichromacy



Original Color

44.4427, 53.3700, 32.7700

Protanomaly

47.5440, 53.2918, 31.4474

Deuteranomaly

50.3773, 53.0635, 33.1783

Tritanomaly

48.3121, 52.8882, 52.4619

Monochromacy



Original Color

44.4427, 53.3700, 32.7700

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.4282, 51.3945, 46.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4427, 53.3700, 32.7700 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(180, 201, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 140)  
}
```

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(180, 201, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 140) }
```

Border

The CSS property to change the border of an element to XYZ 44.4427, 53.3700, 32.7700 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(180, 201, 140) }
```


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

```
.border{ border-color:rgb(180, 201, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4427, 53.3700, 32.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 140) }
```

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

```
.background{ background-color: rgb(180,  
201, 140) }
```

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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