

Converting Colors

XYZ(32.3136, 48.5670, 43.3869)

Have a look what the booklet for
XYZ(32.3136, 48.5670, 43.3869)
contains.

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Color

**XYZ(32.3425, 48.6531,
43.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	52CEA5
RGB	82, 206, 165
RGB Percent	32%, 81%, 65%
CMY	0.6784, 0.1921, 0.3529
CMYK	0.60, 0.00, 0.20, 0.19
HSL	160°, 56%, 56%
HSV	160°, 60%, 81%
XYZ	32.3425, 48.6531, 43.2837
YIQ	164.2500, -60.7430, -39.0390

Conversions

Conversions Part 2

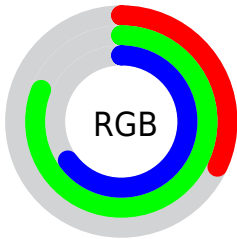
Format	Color
RYB	82, 156, 206
Decimal	5426853
CIELab	75.24, -44.18, 10.25
CIELCh	75, 45.355, 166.945
Yxy	48.6531, 0.2602, 0.3915
Android (android.graphics.Color)	4283616933 (0xFF52CEA5)
YUV	164.2500, 0.3698, -72.1333
Hunter-Lab	69.7518, -39.2987, 12.0345

Details

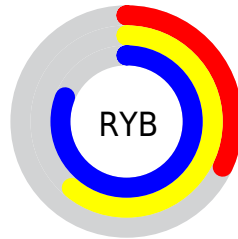
The XYZ color **32.3425, 48.6531, 43.2837** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **32.0476, 20.5876, 21.0253**, and the grayscale version is **35.4258, 37.2707, 40.5878**.

A 20% lighter version of the original color is **59.8336, 82.4381, 80.4687**, and **14.0472, 23.3255, 19.3847** is the 20% darker color. If you saturate the color by 10%, you get **30.2095, 47.6245, 40.0338**, and if you desaturate by 10%, it is **35.0488, 49.9759, 46.7349**.

Distribution



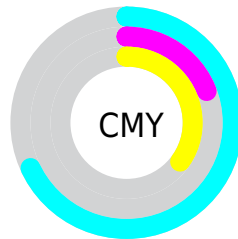
- Red (32%)
- Green (81%)
- Blue (65%)



- Red (32%)
- Yellow (61%)
- Blue (81%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)





- Cyan (68%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3425, 48.6531, 43.2837 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 32.3425, 48.6531, 43.2837 by changing the saturation by 10% instead.


 32.3425, 48.6531,
43.2837


 32.3425, 48.6531,
43.2837


304.3941,
381.3750, 375.7326


 21.7801, 34.3444,
29.7747


 62.7092, 88.1760,
81.4297

 13.8111, 23.1583,
19.4171


 83.2442, 114.1590,
106.9039

 8.0702, 14.7104,
11.7922


 107.8341,
144.8022, 137.2035

 4.1921, 8.6164,
6.4815

 136.8442,
180.4900, 172.7472

 1.8114, 4.4918,
3.0665

170.6399,
221.6068, 213.9533

 0.5245, 1.9523,
1.1287

209.5865,

 0.0000, 0.5795,

268.5369, 261.2406

0.0000

254.0495,
321.6649, 315.0275

■ 0.0000, 0.0000,
0.0000

■ 32.3425, 48.6531,
43.2837

■ 32.3425, 48.6531,
43.2837

■ 30.2095, 47.6245,
40.0338

■ 35.0488, 49.9759,
46.7349

■ 28.5955, 46.8584,
36.9770

■ 38.3686, 51.6099,
50.3888

■ 27.4423, 46.3262,
34.1087

■ 42.3428, 53.5773,
54.2509

■ 26.6514, 45.9761,
31.4714

■ 47.0077, 55.8968,
58.3253

■ 52.3968, 58.5856,
62.6161

■ 58.5414, 61.6598,
67.1271

■ 65.4709, 65.1345,
71.8620

■ 73.2131, 69.0239,
76.8245

■ 77.0818, 70.9122,
81.7974

Harmonies

Analogous

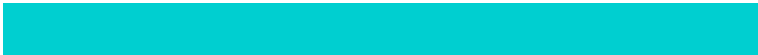
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.5098, 48.6531, 27.4456



32.3425, 48.6531, 43.2837



32.5645, 48.6531, 67.4837

Triad

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



32.3425, 48.6531, 43.2837



51.0650, 48.6531, 110.0093



58.0491, 48.6531, 26.0512

Complementary

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



32.3425, 48.6531, 43.2837



32.0476, 20.5876, 21.0253

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.



63.2992, 48.6531, 40.7107



32.3425, 48.6531, 43.2837



58.9473, 48.6531, 90.8200

Square

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



32.3425, 48.6531, 43.2837



42.7225, 48.6531, 111.3248



63.6464, 48.6531, 64.0145



49.9525, 48.6531, 19.7007

Rectangle

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



32.3425, 48.6531, 43.2837



34.5984, 48.6531, 85.5651



63.6464, 48.6531, 64.0145



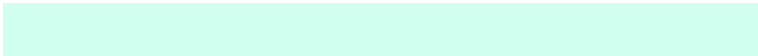
60.2455, 48.6531, 29.9307

Sweetspot

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



32.3438, 48.6550, 43.2848



77.7846, 91.3706, 95.8367



31.8119, 48.9894, 15.7625



16.1324, 19.2997, 20.0847



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.



32.3438, 48.6550, 43.2848



48.1583, 76.7829, 63.4928



32.0405, 41.0895, 64.6372



11.3794, 12.6615, 13.5553



16.4569, 28.3281, 19.6230



0.8832, 1.4751, 1.1923

Inverse Universe

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



32.0476, 20.5876, 21.0253



47.6911, 27.4865, 24.6607



31.7952, 23.3666, 10.8177



11.3628, 11.2738, 12.4449



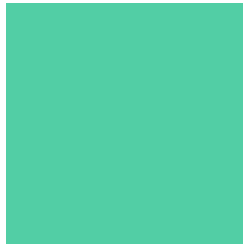
16.3585, 8.3540, 4.3405



0.8790, 0.4450, 0.4085

Previews

White Background



This preview shows how the XYZ color 32.3425, 48.6531, 43.2837 looks on a white background.

Color Contrast Check

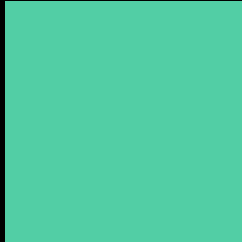
Large Text (above 18pt) WCAG AA × Fail

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 32.3425, 48.6531, 43.2837 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

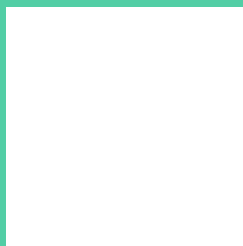
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3425, 48.6531, 43.2837

Background



This preview shows how black text looks on a background with the XYZ color 32.3425, 48.6531, 43.2837.

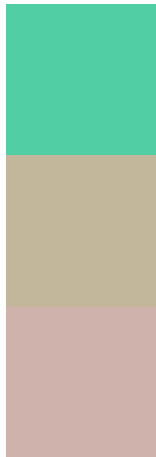


This preview shows how white text looks on a background with the XYZ color 32.3425, 48.6531,

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

32.3425, 48.6531, 43.2837

Protanopia

45.0144, 47.6694, 37.4005

Deuteranopia

48.7247, 47.9029, 45.2062



Tritanopia

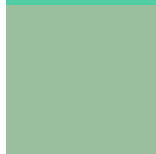
37.9447, 48.4625, 71.6443

Trichromacy



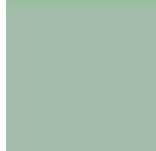
Original Color

32.3425, 48.6531, 43.2837



Protanomaly

37.9392, 46.5025, 39.3240



Deuteranomaly

39.8426, 46.4081, 44.3938



Tritanomaly

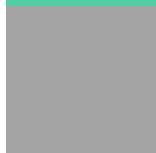
35.7128, 48.5994, 60.3217

Monochromacy



Original Color

32.3425, 48.6531, 43.2837



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.6525, 39.9889, 41.1196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3425, 48.6531, 43.2837 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(82, 206, 165)` looks like.

```
.text, #text, p{  
    color:rgb(82, 206, 165)  
}
```

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(82, 206, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 206, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.3425, 48.6531, 43.2837 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(82, 206, 165) }
```


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

```
.border{ border-color:rgb(82, 206, 165) }
```

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

Here you see how a box with a 4 pixel rgb(82, 206, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 206, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 206, 165);  
box-shadow:4px 4px 4px 4px rgb(82, 206,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3425, 48.6531, 43.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 206, 165) }
```

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

```
.background{ background-color: rgb(82, 206,  
165) }
```

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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