

Converting Colors

XYZ(25.5525, 40.5820, 32.4730)

Have a look what the booklet for
XYZ(25.5525, 40.5820, 32.4730)
contains.

XYZ(25.5525, 40.5820, 32.4730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5525, 40.5820,
32.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC08F
RGB	58, 192, 143
RGB Percent	23%, 75%, 56%
CMY	0.7725, 0.2470, 0.4392
CMYK	0.70, 0.00, 0.26, 0.25
HSL	158°, 54%, 49%
HSV	158°, 70%, 75%
XYZ	25.5525, 40.5820, 32.4730
YIQ	146.3480, -64.1350, -43.6470

Conversions

Conversions Part 2

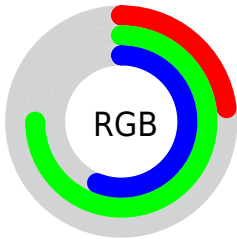
Format	Color
RYB	58, 140, 192
Decimal	3850383
CIELab	69.88, -47.48, 14.45
CIElCh	70, 49.629, 163.074
Yxy	40.5820, 0.2591, 0.4116
Android (android.graphics.Color)	4282040463 (0xFF3AC08F)
YUV	146.3480, -1.6506, -77.4812
Hunter-Lab	63.7040, -39.8833, 14.3698

Details

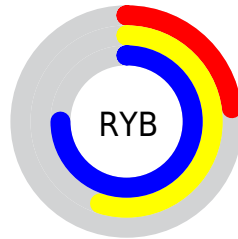
The XYZ color **25.5525, 40.5820, 32.4730** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **25.9065, 15.2951, 15.4983**, and the grayscale version is **27.4910, 28.9226, 31.4967**.

A 20% lighter version of the original color is **51.9798, 75.9202, 64.7378**, and **10.9214, 18.6816, 13.3862** is the 20% darker color. If you saturate the color by 10%, you get **24.1222, 39.9053, 29.7164**, and if you desaturate by 10%, it is **27.4343, 41.4898, 35.4263**.

Distribution



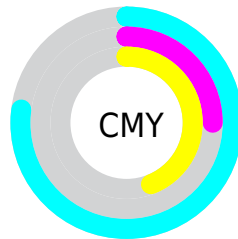
- Red (23%)
- Green (75%)
- Blue (56%)



- Red (23%)
- Yellow (55%)
- Blue (75%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)





- Cyan (77%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5525, 40.5820, 32.4730 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 25.5525, 40.5820, 32.4730 by changing the saturation by 10% instead.


 25.5525, 40.5820,
32.4730


 25.5525, 40.5820,
32.4730


272.8755,
348.5705, 327.8272


 16.6201, 27.9926,
21.4552


 51.9886, 76.0490,
64.6584


 10.0576, 18.3201,
13.2627


 70.2230, 99.6953,
86.6631


 5.4997, 11.1800,
7.4768


 92.2887, 127.7961,
113.1671

 2.5811, 6.1881,
3.6791

 118.5512,
160.7357, 144.5891

 0.9363, 2.9598,
1.4510

 149.3758,
198.8986, 181.3476

 0.0000, 1.1108,
0.1810

185.1278,

 0.0000, 0.0000,

242.6691, 223.8611

0.0000

226.1726,
292.4316, 272.5481

■ 25.5525, 40.5820,
32.4730

■ 25.5525, 40.5820,
32.4730

■ 24.1222, 39.9053,
29.7164

■ 27.4343, 41.4898,
35.4263

■ 23.0906, 39.4292,
27.1483

■ 29.8065, 42.6454,
38.5786

■ 22.3644, 39.1069,
24.7619

■ 32.7072, 44.0694,
41.9355

■ 22.3502, 39.1007,
24.7136

■ 36.1698, 45.7791,
45.5014

■ 40.2247, 47.7900,
49.2808

■ 44.9002, 50.1167,
53.2776

■ 50.2228, 52.7728,
57.4959

■ 56.2173, 55.7709,
61.9395

■ 62.9072, 59.1232,
66.6121

Harmonies

Analogous

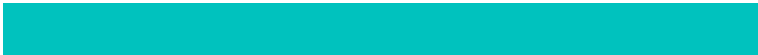
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9174, 40.5820, 19.0295



25.5525, 40.5820, 32.4730



25.3480, 40.5820, 55.0189

Triad

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



25.5525, 40.5820, 32.4730



42.1889, 40.5820, 103.1323



51.0503, 40.5820, 20.2593

Complementary

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



25.5525, 40.5820, 32.4730



25.9065, 15.2951, 15.4983

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.



55.7429, 40.5820, 34.8790



25.5525, 40.5820, 32.4730



50.1667, 40.5820, 85.2360

Square

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



25.5525, 40.5820, 32.4730



34.2294, 40.5820, 101.7784



55.3986, 40.5820, 58.4251



43.2671, 40.5820, 13.8540

Rectangle

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



25.5525, 40.5820, 32.4730



26.9778, 40.5820, 73.1388



55.3986, 40.5820, 58.4251



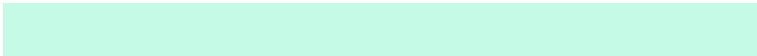
53.0870, 40.5820, 24.1048

Sweetspot

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



25.5536, 40.5836, 32.4739



71.6737, 85.9894, 88.2062



25.6941, 41.1406, 10.5903



14.9243, 18.2232, 18.5096



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.



25.5536, 40.5836, 32.4739



42.5851, 71.7823, 51.2155



26.4224, 35.0306, 55.2400



10.2072, 11.3639, 12.0944



15.0772, 26.3250, 16.8317



0.6836, 1.1503, 0.8968

Inverse Universe

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



25.9065, 15.2951, 15.4983



43.3428, 23.1004, 18.9262



25.0784, 16.6635, 5.8982



10.2220, 10.1374, 11.2598



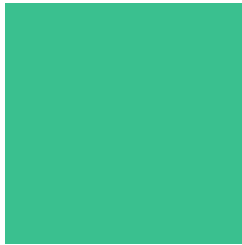
15.4104, 7.8539, 4.8071



0.6991, 0.3527, 0.3830

Previews

White Background



This preview shows how the XYZ color 25.5525, 40.5820, 32.4730 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 25.5525, 40.5820, 32.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

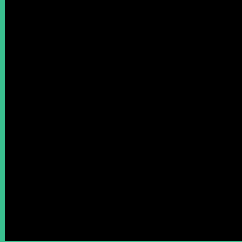
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5525, 40.5820, 32.4730

Background



This preview shows how black text looks on a background with the XYZ color 25.5525, 40.5820, 32.4730.

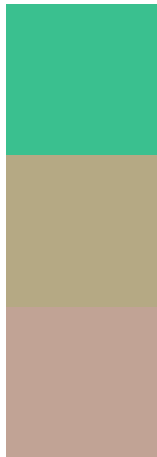


This preview shows how white text looks on a background with the XYZ color 25.5525, 40.5820,

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

25.5525, 40.5820, 32.4730

Protanopia

37.4089, 39.8656, 27.5530

Deuteranopia

40.5143, 39.7018, 33.9616



Tritanopia

31.2540, 40.6619, 60.8449

Trichromacy



Original Color

25.5525, 40.5820, 32.4730



Protanomaly

30.3194, 38.4561, 29.1173



Deuteranomaly

31.9041, 38.3080, 33.3164



Tritanomaly

28.8676, 40.6376, 48.9702

Monochromacy



Original Color

25.5525, 40.5820, 32.4730



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.1475, 31.8161, 31.6038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5525, 40.5820, 32.4730 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(58, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(58, 192, 143)  
}
```

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(58, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 192, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.5525, 40.5820, 32.4730 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(58, 192, 143) }
```


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

```
.border{ border-color:rgb(58, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(58, 192,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5525, 40.5820, 32.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 192, 143) }
```

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

```
.background{ background-color: rgb(58, 192,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor