

Converting Colors

XYZ(24.6291, 32.4161, 43.1960)

Have a look what the booklet for
XYZ(24.6291, 32.4161, 43.1960)
contains.

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Color

**XYZ(24.5541, 32.3336,
42.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	52A7AA
RGB	82, 167, 170
RGB Percent	32%, 65%, 67%
CMY	0.6784, 0.3451, 0.3333
CMYK	0.52, 0.02, 0.00, 0.33
HSL	182°, 35%, 49%
HSV	182°, 52%, 67%
XYZ	24.5541, 32.3336, 42.9771
YIQ	141.9270, -51.6230, -17.0870

Conversions

Conversions Part 2

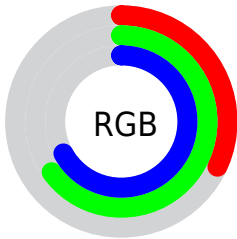
Format	Color
RYB	82, 125, 170
Decimal	5416874
CIELab	63.62, -24.74, -9.44
CIELCh	64, 26.475, 200.882
Yxy	32.3336, 0.2459, 0.3238
Android (android.graphics.Color)	4283606954 (0xFF52A7AA)
YUV	141.9270, 13.8400, -52.5560
Hunter-Lab	56.8626, -22.4308, -5.0079

Details

The XYZ color **24.5541, 32.3336, 42.9771** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.3496, 15.6528, 9.8794**, and the grayscale version is **25.6448, 26.9803, 29.3816**.

A 20% lighter version of the original color is **50.1931, 63.0821, 80.7648**, and **9.5667, 13.6550, 19.2710** is the 20% darker color. If you saturate the color by 10%, you get **23.1494, 31.4530, 42.8817**, and if you desaturate by 10%, it is **26.3274, 33.4064, 43.0913**.

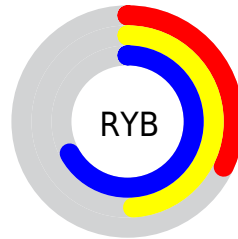
Distribution



Red (32%)

Green (65%)

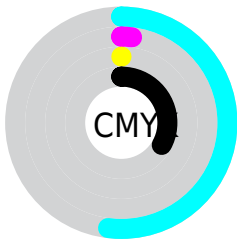
Blue (67%)



Red (32%)

Yellow (49%)

Blue (67%)

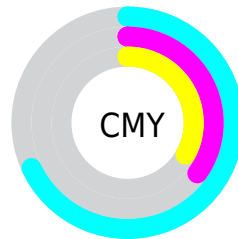


Cyan (52%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5541, 32.3336, 42.9771 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 24.5541, 32.3336, 42.9771 by changing the saturation by 10% instead.

■ 24.5541, 32.3336,
42.9771

■ 24.5541, 32.3336,
42.9771

267.9988,
312.6361, 374.4360

■ 15.8721, 21.6164,
29.5359

■ 50.3810, 63.3337,
80.9623

■ 9.5240, 13.5753,
19.2375

■ 68.2567, 84.3854,
106.3433

■ 5.1443, 7.8259,
11.6635

■ 89.9276, 109.6508,
136.5414

■ 2.3678, 3.9838,
6.3952

■ 115.7592,
139.5142, 171.9750

■ 0.8290, 1.6645,
3.0142

146.1167,
174.3600, 213.0628

■ 0.0000, 0.4005,
1.1019

181.3656,

■ 0.0000, 0.0000,

214.5727, 260.2232

0.0000

221.8712,
260.5366, 313.8747

■ 24.5541, 32.3336,
42.9771

■ 24.5541, 32.3336,
42.9771

■ 23.1494, 31.4530,
42.8817

■ 26.3274, 33.4064,
43.0913

■ 22.0829, 30.7467,
42.8016

■ 28.4913, 34.6805,
43.2232

■ 21.3240, 30.1997,
42.7360

■ 31.0691, 36.1687,
43.3745

■ 20.8355, 29.7928,
42.6832

■ 34.0818, 37.8819,
43.5464

■ 20.5687, 29.5281,
42.6462

■ 37.5489, 39.8299,
43.7397

■ 41.4886, 42.0223,
43.9552

■ 45.9182, 44.4680,
44.1938

■ 50.8542, 47.1755,
44.4563

■ 56.3120, 50.1527,
44.7433

Harmonies

Analogous

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



24.2307, 32.3336, 32.0753



24.5541, 32.3336, 42.9771



26.4594, 32.3336, 53.4927

Triad

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



24.5541, 32.3336, 42.9771



36.5873, 32.3336, 49.6852



31.8731, 32.3336, 18.6800

Complementary

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



24.5541, 32.3336, 42.9771



21.3496, 15.6528, 9.8794

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.



35.4417, 32.3336, 21.6486



24.5541, 32.3336, 42.9771



38.3034, 32.3336, 38.5336

Square

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



24.5541, 32.3336, 42.9771



33.3377, 32.3336, 57.8737



37.8682, 32.3336, 28.4328



28.2660, 32.3336, 19.3971

Rectangle

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



24.5541, 32.3336, 42.9771



28.4609, 32.3336, 58.1728



37.8682, 32.3336, 28.4328



33.1210, 32.3336, 19.2534

Sweetspot

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



24.5551, 32.3348, 42.9779



59.2622, 67.2727, 78.8634



19.4921, 31.1988, 13.5758



12.9748, 14.8650, 17.5731



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.5551, 32.3348, 42.9779



41.7031, 56.8747, 77.7818



17.8274, 18.8794, 40.7353



7.7253, 8.4876, 9.6494



15.1389, 21.7381, 31.3735



0.3748, 0.5419, 0.7655

Inverse Universe

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



26.5707, 17.3715, 38.5132



45.8178, 26.9120, 68.5368



25.9428, 24.8390, 11.4105



7.8307, 7.6621, 9.4257



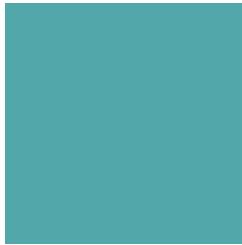
17.1420, 8.2655, 26.6232



0.4204, 0.2024, 0.6650

Previews

White Background



This preview shows how the XYZ color 24.5541, 32.3336, 42.9771 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 24.5541, 32.3336, 42.9771 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 24.5541, 32.3336, 42.9771

Background



This preview shows how black text looks on a background with the XYZ color 24.5541, 32.3336, 42.9771.

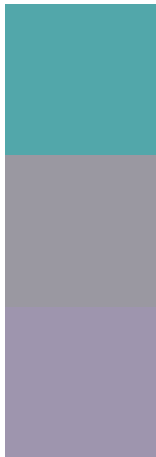


This preview shows how white text looks on a background with the XYZ color 24.5541, 32.3336,

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

24.5541, 32.3336, 42.9771

Protanopia

30.9877, 31.8997, 38.2422

Deuteranopia

32.4880, 31.8200, 44.4740



Tritanopia

25.5192, 32.4584, 47.5679

Trichromacy



Original Color

24.5541, 32.3336, 42.9771

Protanomaly

27.6599, 31.3835, 39.7217

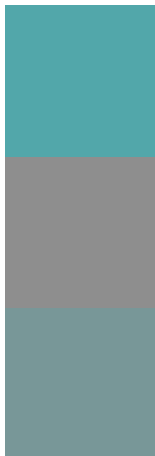
Deuteranomaly

28.6372, 31.5399, 44.1136

Tritanomaly

25.1288, 32.2918, 45.9828

Monochromacy



Original Color

24.5541, 32.3336, 42.9771

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.4798, 28.3933, 33.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5541, 32.3336, 42.9771 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, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(82, 167, 170)  
}
```

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, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 24.5541, 32.3336, 42.9771 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, 167, 170) }
```


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

```
.border{ border-color:rgb(82, 167, 170) }
```

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

Here you see how a box with a 4 pixel rgb(82, 167, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(82, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5541, 32.3336, 42.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 167, 170) }
```

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

```
.background{ background-color: rgb(82, 167,  
170) }
```

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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