

Converting Colors

XYZ(24.3364, 32.0392, 38.9765)

Have a look what the booklet for
XYZ(24.3364, 32.0392, 38.9765)
contains.

XYZ(24.3743, 32.0547, 39.0849)	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(24.3743, 32.0547,
39.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	5AA6A2
RGB	90, 166, 162
RGB Percent	35%, 65%, 64%
CMY	0.6470, 0.3490, 0.3647
CMYK	0.46, 0.00, 0.02, 0.35
HSL	177°, 30%, 50%
HSV	177°, 46%, 65%
XYZ	24.3743, 32.0547, 39.0849
YIQ	142.8200, -44.0120, -17.3560

Conversions

Conversions Part 2

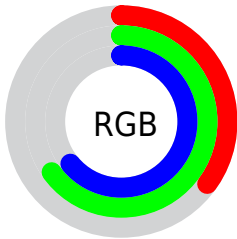
Format	Color
RYB	90, 129, 166
Decimal	5940898
CIELab	63.39, -24.53, -5.26
CIElCh	63, 25.084, 192.111
Yxy	32.0547, 0.2552, 0.3356
Android (android.graphics.Color)	4284130978 (0xFF5AA6A2)
YUV	142.8200, 9.4557, -46.3231
Hunter-Lab	56.6169, -22.2329, -1.2985

Details

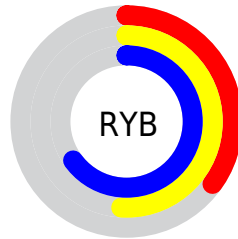
The XYZ color **24.3743, 32.0547, 39.0849** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.4036, 16.2286, 12.5953**, and the grayscale version is **26.0136, 27.3683, 29.8041**.

A 20% lighter version of the original color is **50.0579, 62.7424, 75.1178**, and **9.4275, 13.4675, 16.8545** is the 20% darker color. If you saturate the color by 10%, you get **22.8593, 31.2834, 38.6105**, and if you desaturate by 10%, it is **26.2523, 33.0146, 39.5805**.

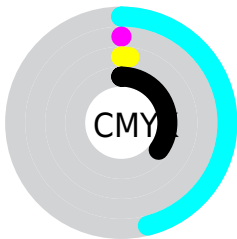
Distribution



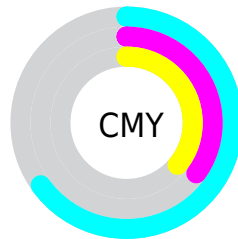
- Red (35%)
- Green (65%)
- Blue (64%)



- Red (35%)
- Yellow (51%)
- Blue (65%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (65%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3743, 32.0547, 39.0849 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 24.3743, 32.0547, 39.0849 by changing the saturation by 10% instead.

■ 24.3743, 32.0547,
39.0849

■ 24.3743, 32.0547,
39.0849

267.1129,
311.3684, 357.6880

■ 15.7377, 21.4033,
26.5174

■ 50.0906, 62.8968,
74.9898

■ 9.4284, 13.4191,
16.9819

■ 67.9010, 83.8563,
99.1643

■ 5.0810, 7.7178,
10.0598

■ 89.5001, 109.0207,
128.0448

■ 2.3301, 3.9149,
5.3325

■ 115.2532,
138.7742, 162.0501

■ 0.8100, 1.6261,
2.3815

145.5256,
173.5013, 201.5984

■ 0.0000, 0.3751,
0.7763

180.6828,

■ 0.0000, 0.0000,

213.5865, 247.1085

0.0000

221.0901,
259.4140, 298.9989

■ 24.3743, 32.0547,
39.0849

■ 24.3743, 32.0547,
39.0849

■ 22.8593, 31.2834,
38.6105

■ 26.2523, 33.0146,
39.5805

■ 21.6802, 30.6844,
38.1539

■ 28.5126, 34.1708,
40.0962

■ 20.8107, 30.2450,
37.7146

■ 31.1764, 35.5348,
40.6335

■ 20.2191, 29.9488,
37.2911

■ 34.2625, 37.1166,
41.1935

■ 19.8642, 29.7745,
36.8815

■ 37.7886, 38.9251,
41.7769

■ 19.7449, 29.7167,
36.7110

■ 41.7713, 40.9690,
42.3845

■ 46.2266, 43.2563,
43.0171

■ 51.1693, 45.7950,
43.6754

■ 56.6139, 48.5922,
44.3600

Harmonies

Analogous

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



24.5252, 32.0547, 29.3335



24.3743, 32.0547, 39.0849



25.7619, 32.0547, 49.4157

Triad

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



24.3743, 32.0547, 39.0849



35.1845, 32.0547, 51.1603



32.5718, 32.0547, 19.6406

Complementary

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



24.3743, 32.0547, 39.0849



21.4036, 16.2286, 12.5953

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.



35.7127, 32.0547, 23.5512



24.3743, 32.0547, 39.0849



37.2984, 32.0547, 41.1344

Square

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



24.3743, 32.0547, 39.0849



31.8945, 32.0547, 57.2264



37.4988, 32.0547, 31.0289



29.0828, 32.0547, 19.3014

Rectangle

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



24.3743, 32.0547, 39.0849



27.4392, 32.0547, 54.7578



37.4988, 32.0547, 31.0289



33.7098, 32.0547, 20.5408

Sweetspot

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



24.3752, 32.0560, 39.0856



57.3820, 64.9010, 73.8954



20.2090, 30.4484, 14.4858



12.5961, 14.3981, 16.4898



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.3752, 32.0560, 39.0856



41.4276, 56.7447, 70.0516



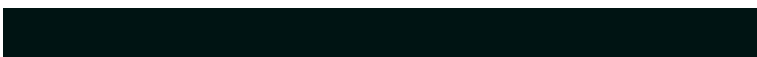
19.4971, 21.7214, 39.2427



7.7302, 8.5251, 9.5655



15.3162, 23.0452, 28.4954



0.3776, 0.5627, 0.7195

Inverse Universe

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



21.4036, 16.2286, 12.5953



35.3548, 24.3582, 15.8855



24.6472, 22.9958, 12.8134



7.5465, 7.5485, 7.9292



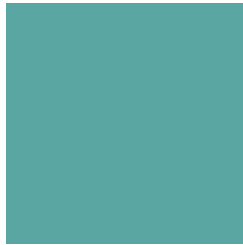
12.2373, 6.3036, 0.7954



0.3026, 0.1553, 0.0449

Previews

White Background



This preview shows how the XYZ color 24.3743, 32.0547, 39.0849 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 24.3743, 32.0547, 39.0849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

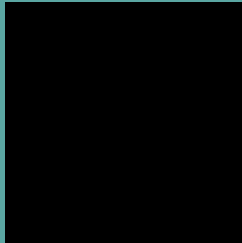
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3743, 32.0547, 39.0849

Background



This preview shows how black text looks on a background with the XYZ color 24.3743, 32.0547, 39.0849.

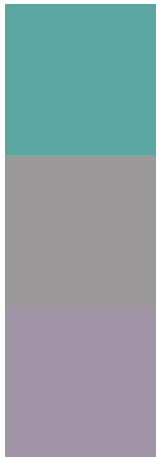


This preview shows how white text looks on a background with the XYZ color 24.3743, 32.0547,

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

24.3743, 32.0547, 39.0849

Protanopia

30.5785, 31.7581, 35.0901

Deuteranopia

32.1708, 31.5100, 40.4629



Tritanopia

25.9306, 32.1581, 46.4354

Trichromacy



Original Color

24.3743, 32.0547, 39.0849

Protanomaly

27.5028, 31.3736, 36.5044

Deuteranomaly

28.5045, 31.3102, 40.1384

Tritanomaly

25.4157, 32.2160, 43.9085

Monochromacy



Original Color

24.3743, 32.0547, 39.0849

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.8838, 28.6203, 33.0669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3743, 32.0547, 39.0849 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(90, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(90, 166, 162)  
}
```

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(90, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 166, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.3743, 32.0547, 39.0849 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(90, 166, 162) }
```


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

```
.border{ border-color:rgb(90, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(90, 166,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3743, 32.0547, 39.0849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 166, 162) }
```

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

```
.background{ background-color: rgb(90, 166,  
162) }
```

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