

Converting Colors

XYZ(24.3902, 32.2251, 36.5870)

Have a look what the booklet for
XYZ(24.3902, 32.2251, 36.5870)
contains.

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Color

**XYZ(24.2531, 32.0524,
36.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA69C
RGB	94, 166, 156
RGB Percent	37%, 65%, 61%
CMY	0.6314, 0.3490, 0.3882
CMYK	0.43, 0.00, 0.06, 0.35
HSL	172°, 29%, 51%
HSV	172°, 43%, 65%
XYZ	24.2531, 32.0524, 36.3610
YIQ	143.3320, -39.7020, -18.3740

Conversions

Conversions Part 2

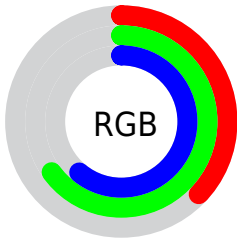
Format	Color
RYB	94, 133, 166
Decimal	6203036
CIELab	63.39, -25.05, -1.88
CIELCh	63, 25.116, 184.303
Yxy	32.0524, 0.2617, 0.3459
Android (android.graphics.Color)	4284393116 (0xFF5EA69C)
YUV	143.3320, 6.2453, -43.2642
Hunter-Lab	56.6148, -22.6088, 1.5513

Details

The XYZ color **24.2531, 32.0524, 36.3610** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.2284, 17.1129, 15.2295**, and the grayscale version is **26.2291, 27.5950, 30.0510**.

A 20% lighter version of the original color is **49.7021, 62.6619, 70.4482**, and **9.4038, 13.4859, 15.4720** is the 20% darker color. If you saturate the color by 10%, you get **22.5373, 31.1910, 35.2716**, and if you desaturate by 10%, it is **26.3405, 33.1065, 37.4885**.

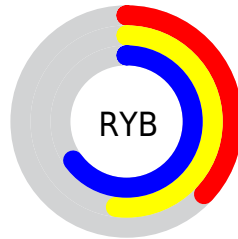
Distribution



Red (37%)

Green (65%)

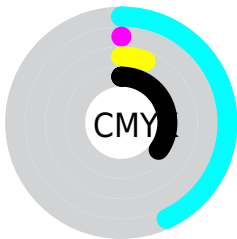
Blue (61%)



Red (37%)

Yellow (52%)

Blue (65%)

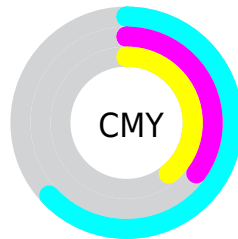


Cyan (43%)

Magenta (0%)

Yellow (6%)

Black (35%)



Cyan (63%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2531, 32.0524, 36.3610 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 24.2531, 32.0524, 36.3610 by changing the saturation by 10% instead.

■ 24.2531, 32.0524,
36.3610

■ 24.2531, 32.0524,
36.3610

266.5144,
311.3579, 345.6207

■ 15.6472, 21.4015,
24.4212

■ 49.8946, 62.8932,
70.7642

■ 9.3641, 13.4178,
15.4313

■ 67.6609, 83.8520,
94.0647

■ 5.0384, 7.7169,
8.9727

■ 89.2114, 109.0155,
121.9892

■ 2.3048, 3.9143,
4.6268

■ 114.9115,
138.7681, 154.9563

■ 0.7971, 1.6258,
1.9751

145.1265,
173.4942, 193.3844

■ 0.0000, 0.3749,
0.5399

180.2217,

■ 0.0000, 0.0000,

213.5783, 237.6922

0.0000

220.5625,
259.4047, 288.2981

■ 24.2531, 32.0524,
36.3610

■ 24.2531, 32.0524,
36.3610

■ 22.5373, 31.1910,
35.2716

■ 26.3405, 33.1065,
37.4885

■ 21.1667, 30.5064,
34.2170

■ 28.8185, 34.3607,
38.6531

■ 20.1156, 29.9860,
33.1964

■ 31.7078, 35.8266,
39.8564

■ 19.3538, 29.6144,
32.2084

■ 35.0270, 37.5136,
41.0996

■ 18.8449, 29.3727,
31.2512

■ 38.7935, 39.4308,
42.3834

■ 18.5904, 29.2549,
30.6310

■ 43.0239, 41.5867,
43.7089

■ 47.7337, 43.9893,
45.0767

■ 52.9378, 46.6463,
46.4878

■ 58.6505, 49.5650,
47.9428

Harmonies

Analogous

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



24.8110, 32.0524, 27.2142



24.2531, 32.0524, 36.3610



25.2525, 32.0524, 46.8852

Triad

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



24.2531, 32.0524, 36.3610



34.4040, 32.0524, 53.2975



33.4672, 32.0524, 20.2924

Complementary

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



24.2531, 32.0524, 36.3610



22.2284, 17.1129, 15.2295

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.



36.3492, 32.0524, 25.1534



24.2531, 32.0524, 36.3610



36.9183, 32.0524, 43.9107

Square

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



24.2531, 32.0524, 36.3610



30.9709, 32.0524, 57.7770



37.6558, 32.0524, 33.4779



29.9643, 32.0524, 19.0334

Rectangle

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



24.2531, 32.0524, 36.3610



26.7158, 32.0524, 52.9426



37.6558, 32.0524, 33.4779



34.5492, 32.0524, 21.5068

Sweetspot

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



24.2540, 32.0537, 36.3617



57.6182, 65.0569, 72.3620



21.4599, 31.0730, 15.4571



12.6275, 14.4233, 16.0872



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.



24.2540, 32.0537, 36.3617



41.0156, 56.6638, 64.0914



20.9955, 24.1248, 39.6277



7.7021, 8.5139, 9.4172



14.4282, 22.6900, 23.8194



0.3629, 0.5568, 0.6422

Inverse Universe

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



22.2284, 17.1129, 15.2295



36.8671, 25.9708, 20.7427



24.3680, 22.1576, 13.5829



7.5720, 7.5587, 8.0633



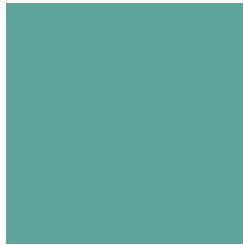
12.3258, 6.3390, 1.2615



0.3122, 0.1592, 0.0956

Previews

White Background



This preview shows how the XYZ color 24.2531, 32.0524, 36.3610 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 24.2531, 32.0524, 36.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

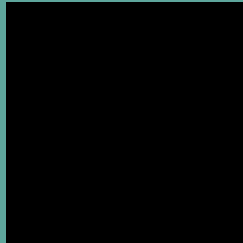
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.2531, 32.0524, 36.3610

Background



This preview shows how black text looks on a background with the XYZ color 24.2531, 32.0524, 36.3610.

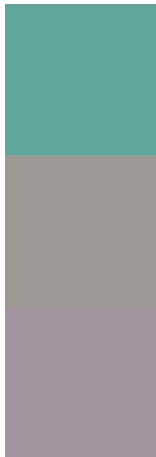


This preview shows how white text looks on a background with the XYZ color 24.2531, 32.0524,

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

24.2531, 32.0524, 36.3610

Protanopia

30.2838, 31.6625, 32.5323

Deuteranopia

32.2449, 31.6104, 37.6596



Tritanopia

26.1892, 32.0383, 45.8780

Trichromacy



Original Color

24.2531, 32.0524, 36.3610

Protanomaly

27.3158, 31.3349, 33.8867

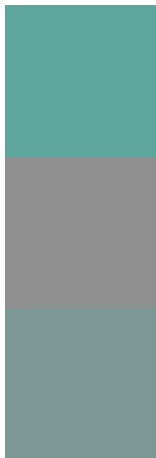
Deuteranomaly

28.6268, 31.4349, 37.3596

Tritanomaly

25.4739, 32.0122, 42.3725

Monochromacy



Original Color

24.2531, 32.0524, 36.3610

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.8694, 28.6313, 32.2326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2531, 32.0524, 36.3610 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(94, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(94, 166, 156)  
}
```

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(94, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 166, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.2531, 32.0524, 36.3610 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(94, 166, 156) }
```


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

```
.border{ border-color:rgb(94, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(94, 166,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2531, 32.0524, 36.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 166, 156) }
```

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

```
.background{ background-color: rgb(94, 166,  
156) }
```

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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