

Converting Colors

XYZ(25.2498, 32.2312, 40.1549)

Have a look what the booklet for
XYZ(25.2498, 32.2312, 40.1549)
contains.

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Color

**XYZ(25.1930, 32.1873,
40.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	62A5A4
RGB	98, 165, 164
RGB Percent	38%, 65%, 64%
CMY	0.6157, 0.3529, 0.3569
CMYK	0.41, 0.00, 0.01, 0.35
HSL	179°, 27%, 52%
HSV	179°, 41%, 65%
XYZ	25.1930, 32.1873, 40.0069
YIQ	144.8530, -39.6110, -14.5150

Conversions

Conversions Part 2

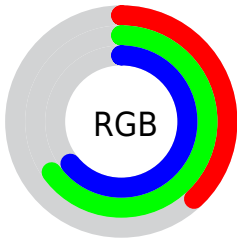
Format	Color
R_{YB}	98, 132, 165
Decimal	6464932
CIE _{Lab}	63.50, -21.48, -6.18
CIE _{LCh}	63, 22.352, 196.060
Yxy	32.1873, 0.2587, 0.3305
Android (android.graphics.Color)	4284655012 (0xFF62A5A4)
YUV	144.8530, 9.4395, -41.0901
Hunter-Lab	56.7339, -20.0203, -2.0957

Details

The XYZ color **25.1930, 32.1873, 40.0069** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1380, 17.6365, 14.0430**, and the grayscale version is **26.8292, 28.2264, 30.7386**.

A 20% lighter version of the original color is **51.3283, 62.9763, 76.4682**, and **9.8685, 13.5156, 17.4179** is the 20% darker color. If you saturate the color by 10%, you get **23.5709, 31.3544, 39.8155**, and if you desaturate by 10%, it is **27.1840, 33.2119, 40.2172**.

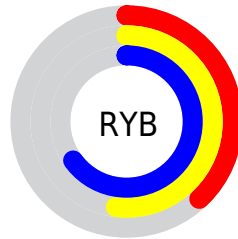
Distribution



Red (38%)

Green (65%)

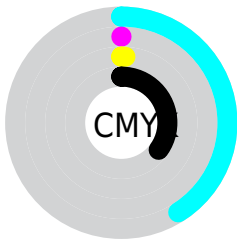
Blue (64%)



Red (38%)

Yellow (52%)

Blue (65%)

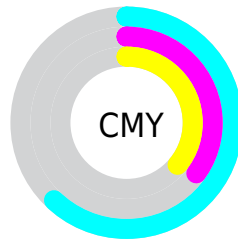


Cyan (41%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (62%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1930, 32.1873, 40.0069 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 25.1930, 32.1873, 40.0069 by changing the saturation by 10% instead.

■ 25.1930, 32.1873,
40.0069

■ 25.1930, 32.1873,
40.0069

271.1277,
311.9716, 361.7056

■ 16.3504, 21.5046,
27.2301

■ 51.4108, 63.1046,
76.4112

■ 9.8649, 13.4933,
17.5121

■ 69.5167, 84.1080,
100.8758

■ 5.3710, 7.7691,
10.4345

■ 91.4411, 109.3204,
130.0734

■ 2.5035, 3.9476,
5.5786

■ 117.5493,
139.1262, 164.4226

■ 0.8970, 1.6443,
2.5260

148.2067,
173.9099, 204.3419

■ 0.0000, 0.3872,
0.8539

183.7787,

■ 0.0000, 0.0000,

214.0557, 250.2498

0.0000

224.6306,
259.9481, 302.5648

■ 25.1930, 32.1873,
40.0069

■ 25.1930, 32.1873,
40.0069

■ 23.5709, 31.3544,
39.8155

■ 27.1840, 33.2119,
40.2172

■ 22.2923, 30.6978,
39.6396

■ 29.5619, 34.4352,
40.4452

■ 21.3327, 30.2057,
39.4790

■ 32.3469, 35.8683,
40.6924

■ 20.6635, 29.8633,
39.3321

■ 35.5568, 37.5205,
40.9597

■ 20.2510, 29.6532,
39.1975

■ 39.2087, 39.4005,
41.2480

■ 20.0250, 29.5391,
39.0788

■ 43.3184, 41.5165,
41.5579

■ 47.9010, 43.8764,
41.8902

■ 52.9712, 46.4875,
42.2455

■ 58.5427, 49.3571,
42.6245

Harmonies

Analogous

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



25.1427, 32.1873, 31.0761



25.1930, 32.1873, 40.0069



26.6240, 32.1873, 48.8990

Triad

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



25.1930, 32.1873, 40.0069



35.1096, 32.1873, 48.3412



32.0581, 32.1873, 20.9006

Complementary

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



25.1930, 32.1873, 40.0069



22.1380, 17.6365, 14.0430

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.



34.9382, 32.1873, 24.0934



25.1930, 32.1873, 40.0069



36.7792, 32.1873, 39.3415

Square

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



25.1930, 32.1873, 40.0069



32.2793, 32.1873, 54.2401



36.7144, 32.1873, 30.5141



28.9666, 32.1873, 21.0171

Rectangle

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



25.1930, 32.1873, 40.0069



28.2275, 32.1873, 53.1689



36.7144, 32.1873, 30.5141



33.0873, 32.1873, 21.5954

Sweetspot

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



25.1940, 32.1886, 40.0076



57.0727, 63.7945, 72.8005



20.8191, 30.4526, 16.3367



12.3397, 13.8760, 15.9036



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.1940, 32.1886, 40.0076



42.3971, 56.2464, 71.3273



20.1647, 21.9847, 38.7794



7.2715, 8.0094, 9.0416



15.1503, 22.3465, 29.5716



0.3197, 0.4701, 0.6284

Inverse Universe

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



22.1380, 17.6365, 14.0430



36.1433, 26.4588, 18.1866



25.7565, 24.9498, 15.0143



7.0779, 7.0876, 7.3965



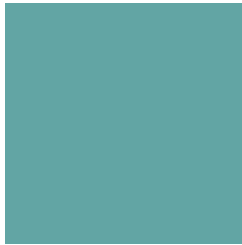
11.7507, 6.0564, 0.6121



0.2481, 0.1277, 0.0192

Previews

White Background



This preview shows how the XYZ color 25.1930, 32.1873, 40.0069 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 25.1930, 32.1873, 40.0069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

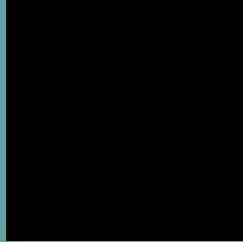
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1930, 32.1873, 40.0069

Background



This preview shows how black text looks on a background with the XYZ color 25.1930, 32.1873, 40.0069.

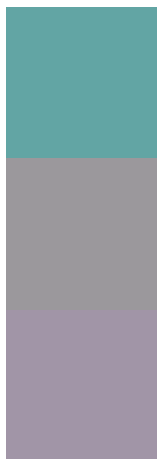


This preview shows how white text looks on a background with the XYZ color 25.1930, 32.1873,

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

25.1930, 32.1873, 40.0069

Protanopia

30.7466, 31.8253, 35.9749

Deuteranopia

32.4204, 31.8620, 41.0005



Tritanopia

26.3005, 32.0957, 45.8832

Trichromacy



Original Color

25.1930, 32.1873, 40.0069

Protanomaly

28.1465, 31.6855, 37.4333

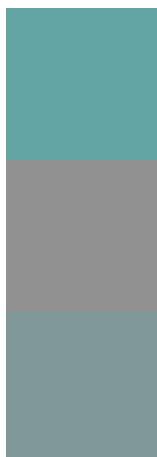
Deuteranomaly

29.0855, 31.5991, 40.6427

Tritanomaly

25.9774, 32.2388, 43.8833

Monochromacy



Original Color

25.1930, 32.1873, 40.0069

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.7978, 29.3127, 34.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1930, 32.1873, 40.0069 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(98, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(98, 165, 164)  
}
```

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(98, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.1930, 32.1873, 40.0069 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(98, 165, 164) }
```


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

```
.border{ border-color:rgb(98, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(98, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1930, 32.1873, 40.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 165, 164) }
```

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

```
.background{ background-color: rgb(98, 165,  
164) }
```

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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