

Converting Colors

XYZ(26.4467, 32.9103, 37.9827)

Have a look what the booklet for
XYZ(26.4467, 32.9103, 37.9827)
contains.

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Color

**XYZ(26.3952, 32.8582,
37.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	70A59F
RGB	112, 165, 159
RGB Percent	44%, 65%, 62%
CMY	0.5608, 0.3529, 0.3765
CMYK	0.32, 0.00, 0.04, 0.35
HSL	173°, 23%, 54%
HSV	173°, 32%, 65%
XYZ	26.3952, 32.8582, 37.7520
YIQ	148.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

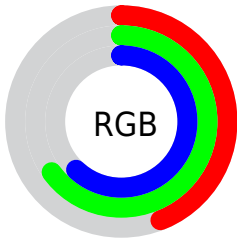
Format	Color
RYB	112, 140, 165
Decimal	7382431
CIELab	64.05, -18.81, -2.49
CIELCh	64, 18.979, 187.552
Yxy	32.8582, 0.2721, 0.3387
Android (android.graphics.Color)	4285572511 (0xFF70A59F)
YUV	148.4690, 5.1918, -31.9833
Hunter-Lab	57.3221, -18.1194, 1.0774

Details

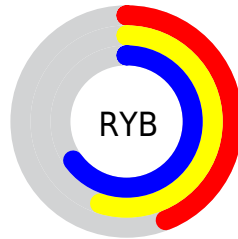
The XYZ color **26.3952, 32.8582, 37.7520** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5823, 20.8965, 19.8785**, and the grayscale version is **28.3328, 29.8083, 32.4613**.

A 20% lighter version of the original color is **53.2478, 64.0408, 73.1730**, and **10.5364, 13.8851, 16.3121** is the 20% darker color. If you saturate the color by 10%, you get **24.3244, 31.8101, 36.8157**, and if you desaturate by 10%, it is **28.8551, 34.1083, 38.7208**.

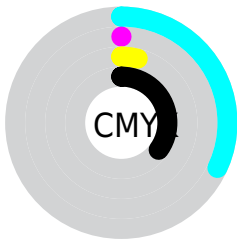
Distribution



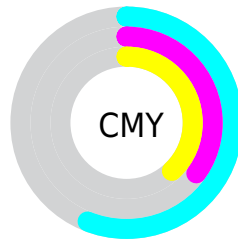
- Red (44%)
- Green (65%)
- Blue (62%)



- Red (44%)
- Yellow (55%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3952, 32.8582, 37.7520 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 26.3952, 32.8582, 37.7520 by changing the saturation by 10% instead.

■ 26.3952, 32.8582,
37.7520

■ 26.3952, 32.8582,
37.7520

276.9380,
315.0103, 351.8212

■ 17.2538, 22.0178,
25.4899

■ 53.3386, 64.1541,
72.9271

■ 10.5120, 13.8700,
16.2201

■ 71.8712, 85.3784,
96.6771

■ 5.8046, 8.0303,
9.5240

■ 94.2650, 110.8328,
125.0936

■ 2.7661, 4.1143,
4.9831

■ 120.8852,
140.9017, 158.5951

■ 1.0313, 1.7377,
2.1788

152.0973,
175.9695, 197.6000

■ 0.0000, 0.4479,
0.6621

188.2665,

■ 0.0000, 0.0000,

216.4206, 242.5270

0.0000

229.7583,
262.6394, 293.7945

■ 26.3952, 32.8582,
37.7520

■ 26.3952, 32.8582,
37.7520

■ 24.3244, 31.8101,
36.8157

■ 28.8551, 34.1083,
38.7208

■ 22.6189, 30.9492,
35.9085

■ 31.7206, 35.5663,
39.7206

■ 21.2564, 30.2648,
35.0300

■ 35.0110, 37.2431,
40.7533

■ 20.2113, 29.7438,
34.1790

■ 38.7431, 39.1474,
41.8196

■ 19.4542, 29.3710,
33.3541

■ 42.9332, 41.2875,
42.9204

■ 18.9504, 29.1285,
32.5535

■ 47.5966, 43.6712,
44.0564

■ 18.6688, 28.9966,
31.9370

■ 52.7477, 46.3061,
45.2283

■ 58.4005, 49.1993,
46.4369

■ 62.5142, 51.2988,
47.5867

Harmonies

Analogous

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



26.7056, 32.8582, 30.4316



26.3952, 32.8582, 37.7520



27.3204, 32.8582, 45.5479

Triad

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



26.3952, 32.8582, 37.7520



34.4783, 32.8582, 48.8010



33.2403, 32.8582, 23.7958

Complementary

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



26.3952, 32.8582, 37.7520



24.5823, 20.8965, 19.8785

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.



35.4974, 32.8582, 27.5141



26.3952, 32.8582, 37.7520



36.2402, 32.8582, 41.7143

Square

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



26.3952, 32.8582, 37.7520



31.9129, 32.8582, 52.4943



36.6235, 32.8582, 33.8721



30.5583, 32.8582, 23.0491

Rectangle

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



26.3952, 32.8582, 37.7520



28.5463, 32.8582, 49.7340



36.6235, 32.8582, 33.8721



34.0784, 32.8582, 24.7109

Sweetspot

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



26.3961, 32.8595, 37.7528



57.8887, 64.2451, 71.4877



23.8769, 31.9458, 20.2375



12.4928, 13.9623, 15.5755



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.



26.3961, 32.8595, 37.7528



44.3931, 57.3880, 66.3305



23.5516, 26.3166, 39.4371



7.2414, 7.9974, 8.8830



14.1341, 21.9400, 24.2206



0.3061, 0.4647, 0.5571

Inverse Universe

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



24.5823, 20.8965, 19.8785



40.6036, 32.3653, 28.9652



26.7370, 25.7588, 18.8925



7.1049, 7.0984, 7.5387



11.8358, 6.0904, 1.0602



0.2577, 0.1316, 0.0699

Previews

White Background



This preview shows how the XYZ color 26.3952, 32.8582, 37.7520 looks on a white background.

Color Contrast Check

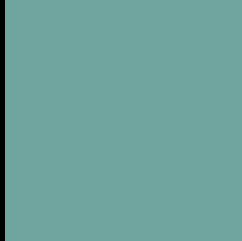
Large Text (above 18pt) WCAG AA × Fail

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 26.3952, 32.8582, 37.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

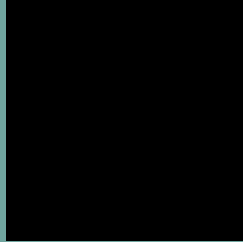
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3952, 32.8582, 37.7520

Background



This preview shows how black text looks on a background with the XYZ color 26.3952, 32.8582, 37.7520.

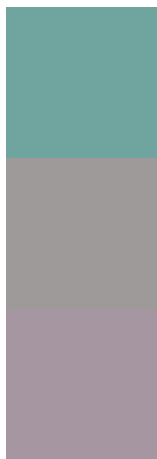


This preview shows how white text looks on a background with the XYZ color 26.3952, 32.8582,

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

26.3952, 32.8582, 37.7520

Protanopia

31.4059, 32.6802, 34.7896

Deuteranopia

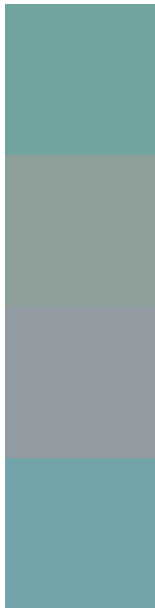
33.1538, 32.5283, 38.7136



Tritanopia

28.1361, 33.0420, 45.9691

Trichromacy



Original Color

26.3952, 32.8582, 37.7520

Protanomaly

29.1278, 32.4830, 35.7450

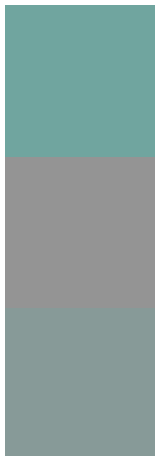
Deuteranomaly

30.0084, 32.1269, 38.3377

Tritanomaly

27.6014, 33.0980, 42.9640

Monochromacy



Original Color

26.3952, 32.8582, 37.7520

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2148, 30.5291, 34.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3952, 32.8582, 37.7520 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(112, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(112, 165, 159)  
}
```

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(112, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.3952, 32.8582, 37.7520 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(112, 165, 159) }
```


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

```
.border{ border-color:rgb(112, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(112, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3952, 32.8582, 37.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 165, 159) }
```

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

```
.background{ background-color: rgb(112,  
165, 159) }
```

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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