

Converting Colors

XYZ(32.0370, 37.9575, 44.4599)

Have a look what the booklet for
XYZ(32.0370, 37.9575, 44.4599)
contains.

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Color

**XYZ(32.0628, 37.8522,
44.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	85ADAC
RGB	133, 173, 172
RGB Percent	52%, 68%, 67%
CMY	0.4784, 0.3216, 0.3255
CMYK	0.23, 0.00, 0.01, 0.32
HSL	178°, 20%, 60%
HSV	178°, 23%, 68%
XYZ	32.0628, 37.8522, 44.6460
YIQ	160.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

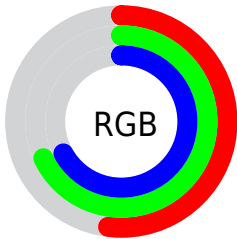
Format	Color
RYB	133, 153, 173
Decimal	8760748
CIELab	67.91, -13.62, -3.91
CIElCh	68, 14.174, 196.006
Yxy	37.8522, 0.2799, 0.3304
Android (android.graphics.Color)	4286950828 (0xFF85ADAC)
YUV	160.9260, 5.4595, -24.4911
Hunter-Lab	61.5241, -14.6434, 0.0421

Details

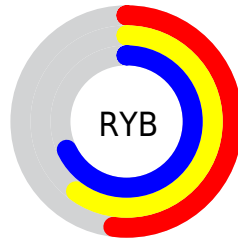
The XYZ color **32.0628, 37.8522, 44.6460** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9255, 27.3816, 26.2637**, and the grayscale version is **33.8260, 35.5876, 38.7549**.

A 20% lighter version of the original color is **62.1020, 71.5977, 83.2196**, and **13.7072, 16.8246, 20.2943** is the 20% darker color. If you saturate the color by 10%, you get **29.5120, 36.5430, 44.3104**, and if you desaturate by 10%, it is **35.0658, 39.3965, 45.0050**.

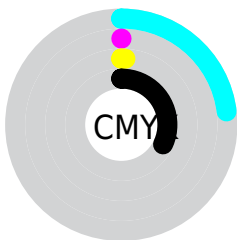
Distribution



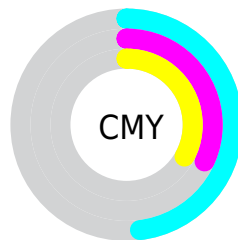
- Red (52%)
- Green (68%)
- Blue (67%)



- Red (52%)
- Yellow (60%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0628, 37.8522, 44.6460 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 32.0628, 37.8522, 44.6460 by changing the saturation by 10% instead.

■ 32.0628, 37.8522,
44.6460

■ 32.0628, 37.8522,
44.6460

303.1454,
336.9855, 381.4562

■ 21.5653, 25.8680,
30.8378

■ 62.2741, 71.8815,
83.5018

■ 13.6526, 16.7249,
20.2179

■ 82.7185, 94.6955,
109.3864

■ 7.9595, 10.0386,
12.3679

■ 107.2092,
121.8881, 140.1335

■ 4.1207, 5.4245,
6.8692

136.1117,
153.8438, 176.1617

■ 1.7706, 2.4984,
3.3032

169.7912,
190.9470, 217.8896

■ 0.4999, 0.8759,
1.2515

208.6130,

■ 0.0000, 0.0000,

233.5821, 265.7356

0.0215

252.9427,
282.1335, 320.1182

■ 0.0000, 0.0000,
0.0000

■ 32.0628, 37.8522,
44.6460

■ 32.0628, 37.8522,
44.6460

■ 29.5120, 36.5430,
44.3104

■ 35.0658, 39.3965,
45.0050

■ 27.3881, 35.4529,
43.9948

■ 38.5383, 41.1817,
45.3859

■ 25.6684, 34.5711,
43.6987

■ 42.5004, 43.2195,
45.7905

■ 24.3266, 33.8842,
43.4211

■ 46.9706, 45.5190,
46.2195

■ 23.3336, 33.3770,
43.1604

■ 51.9658, 48.0893,
46.6738

■ 22.6557, 33.0322,
42.9153

■ 57.5027, 50.9388,
47.1542

■ 22.2528, 32.8292,
42.6837

■ 63.5968, 54.0755,
47.6613

■ 22.0746, 32.7406,
42.5294

■ 63.9682, 54.2620,
47.9014

■ 64.0110, 54.2792,
48.1268

Harmonies

Analogous

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



32.0272, 37.8522, 38.3542



32.0628, 37.8522, 44.6460



33.1187, 37.8522, 50.5582

Triad

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



32.0628, 37.8522, 44.6460



39.1070, 37.8522, 50.2142



37.0099, 37.8522, 30.5423

Complementary

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



32.0628, 37.8522, 44.6460



29.9255, 27.3816, 26.2637

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.



38.9960, 37.8522, 33.0995



32.0628, 37.8522, 44.6460



40.2397, 37.8522, 44.2138

Square

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



32.0628, 37.8522, 44.6460



37.1564, 37.8522, 53.9898



40.1983, 37.8522, 37.9637



34.8236, 37.8522, 30.6326

Rectangle

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



32.0628, 37.8522, 44.6460



34.2847, 37.8522, 53.3019



40.1983, 37.8522, 37.9637



37.7249, 37.8522, 31.1086

Sweetspot

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



32.0639, 37.8537, 44.6469



66.4261, 72.4192, 81.0029



29.0630, 36.6779, 27.7388



14.3588, 15.6987, 17.5953



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.



32.0639, 37.8537, 44.6469



54.8718, 66.4811, 79.6290



28.8275, 31.2263, 44.0448



8.2275, 9.0686, 10.2232



16.2197, 24.0532, 31.2603



0.4539, 0.6702, 0.8836

Inverse Universe

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



29.9255, 27.3816, 26.2637



50.3326, 44.2494, 40.6054



32.6427, 32.9274, 26.8262



8.0131, 8.0185, 8.3797



12.6813, 6.5351, 0.7013



0.3554, 0.1828, 0.0331

Previews

White Background



This preview shows how the XYZ color 32.0628, 37.8522, 44.6460 looks on a white background.

Color Contrast Check

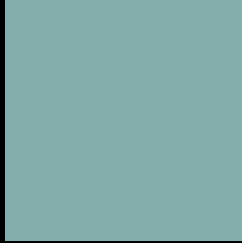
Large Text (above 18pt) WCAG AA × Fail

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 32.0628, 37.8522, 44.6460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

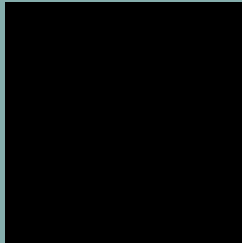
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0628, 37.8522, 44.6460

Background



This preview shows how black text looks on a background with the XYZ color 32.0628, 37.8522, 44.6460.

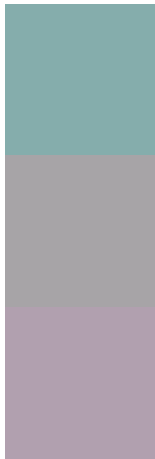


This preview shows how white text looks on a background with the XYZ color 32.0628, 37.8522,

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

32.0628, 37.8522, 44.6460

Protanopia

36.1869, 37.5564, 41.9011

Deuteranopia

38.4401, 37.5839, 45.7858



Tritanopia

33.4732, 37.8628, 51.4430

Trichromacy



Original Color

32.0628, 37.8522, 44.6460

Protanomaly

34.4977, 37.4706, 42.9504

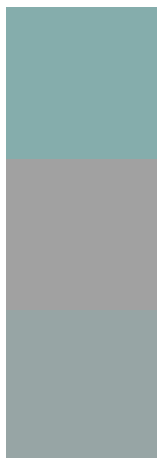
Deuteranomaly

35.7931, 37.5433, 45.4045

Tritanomaly

32.9824, 37.9512, 48.7670

Monochromacy



Original Color

32.0628, 37.8522, 44.6460

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.0092, 36.2062, 40.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0628, 37.8522, 44.6460 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(133, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 172)  
}
```

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(133, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.0628, 37.8522, 44.6460 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(133, 173, 172) }
```


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

```
.border{ border-color:rgb(133, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0628, 37.8522, 44.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 172) }
```

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

```
.background{ background-color: rgb(133,  
173, 172) }
```

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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