

Converting Colors

XYZ(32.6190, 37.5988, 43.4868)

Have a look what the booklet for
XYZ(32.6190, 37.5988, 43.4868)
contains.

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Color

**XYZ(32.6338, 37.6035,
43.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	8CABAA
RGB	140, 171, 170
RGB Percent	55%, 67%, 67%
CMY	0.4510, 0.3294, 0.3333
CMYK	0.18, 0.00, 0.01, 0.33
HSL	178°, 16%, 61%
HSV	178°, 18%, 67%
XYZ	32.6338, 37.6035, 43.5684
YIQ	161.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

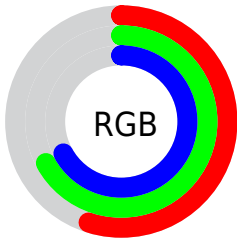
Format	Color
RYB	140, 156, 171
Decimal	9218986
CIELab	67.73, -10.78, -3.02
CIELCh	68, 11.192, 195.659
Yxy	37.6035, 0.2868, 0.3304
Android (android.graphics.Color)	4287409066 (0xFF8CABAA)
YUV	161.6170, 4.1328, -18.9581
Hunter-Lab	61.3217, -12.3199, 0.8003

Details

The XYZ color **32.6338, 37.6035, 43.5684** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9817, 29.3382, 29.2308**, and the grayscale version is **34.1518, 35.9304, 39.1282**.

A 20% lighter version of the original color is **63.0351, 71.2983, 81.6738**, and **13.9867, 16.6255, 19.6114** is the 20% darker color. If you saturate the color by 10%, you get **29.9214, 36.2123, 43.1698**, and if you desaturate by 10%, it is **35.7964, 39.2288, 43.9908**.

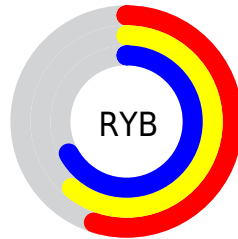
Distribution



Red (55%)

Green (67%)

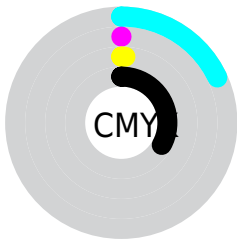
Blue (67%)



Red (55%)

Yellow (61%)

Blue (67%)

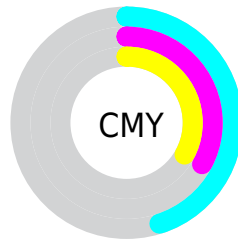


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6338, 37.6035, 43.5684 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 32.6338, 37.6035, 43.5684 by changing the saturation by 10% instead.

■ 32.6338, 37.6035,
43.5684

■ 32.6338, 37.6035,
43.5684

305.6906,
335.9160, 376.9338

■ 22.0039, 25.6751,
29.9966

■ 63.1619, 71.5000,
81.8634

■ 13.9764, 16.5807,
19.5840

■ 83.7908, 94.2369,
107.4238

■ 8.1859, 9.9360,
11.9120

■ 108.4835,
121.3454, 137.8174

■ 4.2669, 5.3566,
6.5619

137.6053,
153.2099, 173.4629

■ 1.8542, 2.4580,
3.1154

171.5216,
190.2148, 214.7787

■ 0.5500, 0.8555,
1.1539

210.5976,

■ 0.0000, 0.0000,

232.7446, 262.1835

0.0000

255.1989,
281.1835, 316.0956

■ 32.6338, 37.6035,
43.5684

■ 32.6338, 37.6035,
43.5684

■ 29.9214, 36.2123,
43.1698

■ 35.7964, 39.2288,
43.9908

■ 27.6354, 35.0398,
42.7915

■ 39.4251, 41.0934,
44.4354

■ 25.7546, 34.0761,
42.4333

■ 43.5394, 43.2083,
44.9039

■ 24.2547, 33.3089,
42.0941

■ 48.1563, 45.5823,
45.3970

■ 23.1088, 32.7241,
41.7726

■ 53.2923, 48.2238,
45.9156

■ 22.2868, 32.3062,
41.4673

■ 58.9628, 51.1409,
46.4603

■ 21.7532, 32.0370,
41.1768

■ 63.4310, 53.4381,
46.9500

■ 21.4479, 31.8855,
40.8980

■ 63.4850, 53.4597,
47.2342

■ 21.3984, 31.8611,
40.8463

■ 63.5392, 53.4814,
47.5196

Harmonies

Analogous

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



32.6152, 37.6035, 38.6299



32.6338, 37.6035, 43.5684



33.4669, 37.6035, 48.1395

Triad

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



32.6338, 37.6035, 43.5684



38.1723, 37.6035, 47.9672



36.5710, 37.6035, 32.3930

Complementary

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



32.6338, 37.6035, 43.5684



30.9817, 29.3382, 29.2308

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.



38.1159, 37.6035, 34.5035



32.6338, 37.6035, 43.5684



39.0604, 37.6035, 43.3483

Square

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



32.6338, 37.6035, 43.5684



36.6460, 37.6035, 50.8153



39.0394, 37.6035, 38.4268



34.8510, 37.6035, 32.4415

Rectangle

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



32.6338, 37.6035, 43.5684



34.3879, 37.6035, 50.2479



39.0394, 37.6035, 38.4268



37.1292, 37.6035, 32.8655

Sweetspot

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



32.6349, 37.6051, 43.5692



65.9927, 71.2227, 79.0195



30.2878, 36.6864, 30.2965



14.6207, 15.8337, 17.6097



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.



32.6349, 37.6051, 43.5692



56.2789, 66.2338, 77.7174



30.1451, 32.4732, 43.2089



8.2250, 9.0676, 10.2097



16.1344, 24.0190, 30.8113



0.4522, 0.6695, 0.8750

Inverse Universe

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



30.9817, 29.3382, 29.2308



52.7308, 48.4898, 46.9428



33.1623, 33.8182, 29.5914



8.0153, 8.0194, 8.3916



12.6873, 6.5375, 0.7328



0.3563, 0.1832, 0.0379

Previews

White Background



This preview shows how the XYZ color 32.6338, 37.6035, 43.5684 looks on a white background.

Color Contrast Check

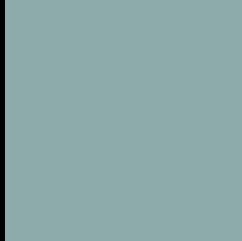
Large Text (above 18pt) WCAG AA × Fail

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 32.6338, 37.6035, 43.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

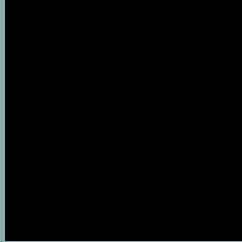
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

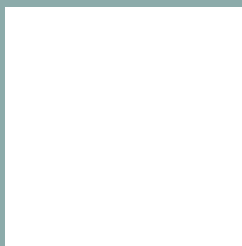
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6338, 37.6035, 43.5684

Background



This preview shows how black text looks on a background with the XYZ color 32.6338, 37.6035, 43.5684.



This preview shows how white text looks on a background with the XYZ color 32.6338, 37.6035,

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

32.6338, 37.6035, 43.5684

Protanopia

36.0947, 37.5196, 41.4160

Deuteranopia

38.1487, 37.4673, 44.2510



Tritanopia

33.8905, 37.5456, 50.2606

Trichromacy



Original Color

32.6338, 37.6035, 43.5684

Protanomaly

34.6984, 37.5956, 41.9871

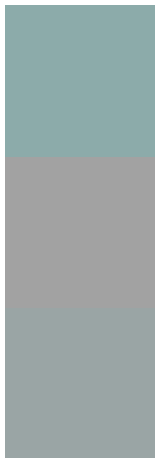
Deuteranomaly

35.9360, 37.3837, 43.8498

Tritanomaly

33.3951, 37.6265, 47.6220

Monochromacy



Original Color

32.6338, 37.6035, 43.5684

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.5731, 36.4969, 40.8724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6338, 37.6035, 43.5684 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(140, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 170)  
}
```

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(140, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.6338, 37.6035, 43.5684 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(140, 171, 170) }
```


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

```
.border{ border-color:rgb(140, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6338, 37.6035, 43.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 170) }
```

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

```
.background{ background-color: rgb(140,  
171, 170) }
```

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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