

Converting Colors

XYZ(32.8304, 35.6955, 34.4635)

Have a look what the booklet for
XYZ(32.8304, 35.6955, 34.4635)
contains.

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Color

**XYZ(32.7837, 35.6979,
34.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA397
RGB	158, 163, 151
RGB Percent	62%, 64%, 59%
CMY	0.3804, 0.3608, 0.4078
CMYK	0.03, 0.00, 0.07, 0.36
HSL	85°, 6%, 62%
HSV	85°, 7%, 64%
XYZ	32.7837, 35.6979, 34.4406
YIQ	160.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

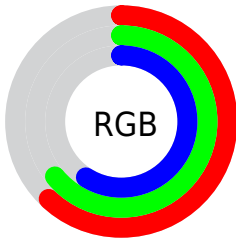
Format	Color
RYB	151, 163, 156
Decimal	10396567
CIELab	66.29, -4.04, 5.61
CIELCh	66, 6.910, 125.772
Yxy	35.6979, 0.3185, 0.3468
Android (android.graphics.Color)	4288586647 (0xFF9EA397)
YUV	160.1370, -4.5045, -1.8741
Hunter-Lab	59.7477, -6.6152, 7.6466

Details

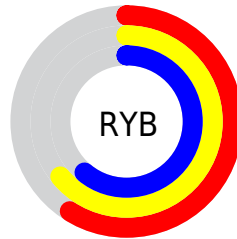
The XYZ color **32.7837, 35.6979, 34.4406** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3891, 31.8464, 39.1448**, and the grayscale version is **33.4975, 35.2420, 38.3785**.

A 20% lighter version of the original color is **63.5314, 68.6967, 67.6689**, and **14.0481, 15.4148, 14.2915** is the 20% darker color. If you saturate the color by 10%, you get **30.2510, 34.5358, 27.8830**, and if you desaturate by 10%, it is **35.5754, 36.9744, 41.9673**.

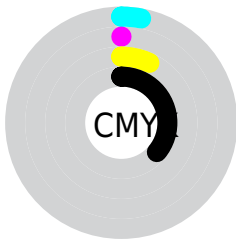
Distribution



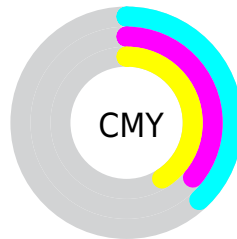
- Red (62%)
- Green (64%)
- Blue (59%)



- Red (59%)
- Yellow (64%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7837, 35.6979, 34.4406 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 32.7837, 35.6979, 34.4406 by changing the saturation by 10% instead.

■ 32.7837, 35.6979,
34.4406

■ 32.7837, 35.6979,
34.4406

306.3562,
327.6382, 336.9212

■ 22.1192, 24.2010,
22.9522

■ 63.3946, 68.5655,
67.7600

■ 14.0616, 15.4828,
14.3532

■ 84.0718, 90.7050,
90.4280

■ 8.2455, 9.1589,
8.2252

108.8173,
117.1608, 117.6597

■ 4.3056, 4.8450,
4.1496

137.9963,
148.3173, 149.8735

■ 1.8764, 2.1566,
1.7077

171.9744,
184.5589, 187.4880

■ 0.5631, 0.6962,
0.3660

211.1169,

■ 0.0000, 0.0000,

226.2700, 230.9217

0.0000

255.7890,
273.8349, 280.5933

■ 32.7837, 35.6979,
34.4406

■ 32.7837, 35.6979,
34.4406

■ 30.2510, 34.5358,
27.8830

■ 35.5754, 36.9744,
41.9673

■ 27.9656, 33.4799,
22.2528

■ 38.6313, 38.3641,
50.4979

■ 25.9194, 32.5279,
17.5088

■ 41.9601, 39.8718,
60.0683

■ 24.1024, 31.6758,
13.6055

■ 45.5694, 41.5006,
70.7119

■ 22.5042, 30.9191,
10.4937

■ 49.4662, 43.2535,
82.4608

■ 21.1130, 30.2530,
8.1188

■ 53.6574, 45.1333,
95.3455

■ 19.9157, 29.6722,
6.4195

■ 56.4797, 46.4748,
100.6015

■ 18.8976, 29.1705,
5.3245

■ 58.4017, 47.4657,
100.6914

■ 18.0356, 28.7386,
4.7199

■ 60.4062, 48.4990,
100.7852

Harmonies

Analogous

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



33.7307, 35.6979, 33.4877



32.7837, 35.6979, 34.4406



32.1533, 35.6979, 36.5845

Triad

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



32.7837, 35.6979, 34.4406



33.1225, 35.6979, 44.2816



35.9413, 35.6979, 38.3006

Complementary

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



32.7837, 35.6979, 34.4406



31.3891, 31.8464, 39.1448

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.



35.7705, 35.6979, 41.2465



32.7837, 35.6979, 34.4406



34.1296, 35.6979, 44.7979

Square

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



32.7837, 35.6979, 34.4406



32.3461, 35.6979, 42.2843



35.1023, 35.6979, 43.6615



35.5643, 35.6979, 35.6426

Rectangle

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



32.7837, 35.6979, 34.4406



31.9903, 35.6979, 38.4517



35.1023, 35.6979, 43.6615



35.9462, 35.6979, 39.2892

Sweetspot

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



32.7847, 35.6994, 34.4414



61.3154, 65.1224, 68.6373



32.5800, 33.7991, 34.0854



13.7843, 14.6322, 15.4511



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.



32.7847, 35.6994, 34.4414



57.8598, 63.5411, 59.4344



31.6331, 35.1058, 34.3875



7.3627, 8.0894, 7.5535



13.9041, 22.2783, 3.5673



0.3442, 0.4950, 0.0774

Inverse Universe

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



31.3891, 31.8464, 39.1448



54.7857, 55.0538, 69.7950



32.5791, 32.4598, 39.2005



6.9671, 6.9974, 8.8865



7.0368, 3.0341, 27.1445



0.2011, 0.0912, 0.5729

Previews

White Background



This preview shows how the XYZ color 32.7837, 35.6979, 34.4406 looks on a white background.

Color Contrast Check

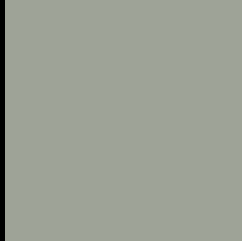
Large Text (above 18pt) WCAG AA × Fail

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 32.7837, 35.6979, 34.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

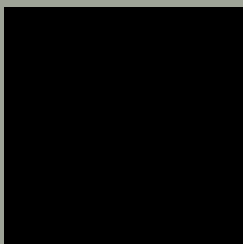
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

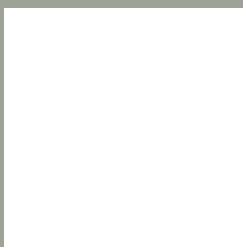
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7837, 35.6979, 34.4406

Background



This preview shows how black text looks on a background with the XYZ color 32.7837, 35.6979, 34.4406.



This preview shows how white text looks on a background with the XYZ color 32.7837, 35.6979,

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

32.7837, 35.6979, 34.4406

Protanopia

34.0122, 35.5591, 33.9251

Deuteranopia

36.3784, 35.7472, 34.6883



Tritanopia

34.7151, 35.6972, 44.0903

Trichromacy



Original Color

32.7837, 35.6979, 34.4406

Protanomaly

33.5597, 35.5843, 33.9538

Deuteranomaly

35.0789, 35.8339, 34.7735

Tritanomaly

33.9429, 35.6437, 40.2129

Monochromacy



Original Color

32.7837, 35.6979, 34.4406

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1287, 35.2950, 36.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7837, 35.6979, 34.4406 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(158, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 163, 151)  
}
```

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(158, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.7837, 35.6979, 34.4406 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(158, 163, 151) }
```


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

```
.border{ border-color:rgb(158, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7837, 35.6979, 34.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 151) }
```

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

```
.background{ background-color: rgb(158,  
163, 151) }
```

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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