

Converting Colors

XYZ(33.7920, 33.6153, 40.5421)

Have a look what the booklet for
XYZ(33.7920, 33.6153, 40.5421)
contains.

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Color

**XYZ(33.6998, 33.4984,
40.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	A599A5
RGB	165, 153, 165
RGB Percent	65%, 60%, 65%
CMY	0.3529, 0.4000, 0.3529
CMYK	0.00, 0.07, 0.00, 0.35
HSL	300°, 6%, 62%
HSV	300°, 7%, 65%
XYZ	33.6998, 33.4984, 40.2870
YIQ	157.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

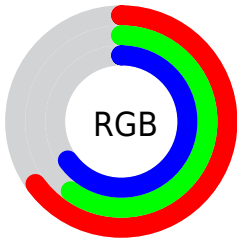
Format	Color
RYB	165, 153, 165
Decimal	10852773
CIELab	64.56, 6.64, -4.68
CIELCh	65, 8.121, 324.805
Yxy	33.4984, 0.3135, 0.3117
Android (android.graphics.Color)	4289042853 (0xFFA599A5)
YUV	157.9560, 3.4727, 6.1776
Hunter-Lab	57.8778, 2.6469, -0.7555

Details

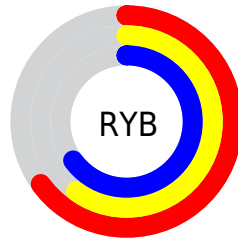
The XYZ color **33.6998, 33.4984, 40.2870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3430, 35.9834, 35.3795**, and the grayscale version is **32.4639, 34.1546, 37.1944**.

A 20% lighter version of the original color is **64.7463, 65.0086, 76.8456**, and **14.5421, 14.2057, 17.5983** is the 20% darker color. If you saturate the color by 10%, you get **31.1842, 28.4667, 39.4489**, and if you desaturate by 10%, it is **36.5908, 39.2799, 41.2511**.

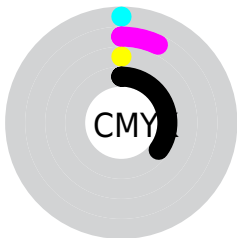
Distribution



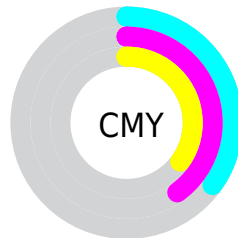
- Red (65%)
- Green (60%)
- Blue (65%)



- Red (65%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6998, 33.4984, 40.2870 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 33.6998, 33.4984, 40.2870 by changing the saturation by 10% instead.

■ 33.6998, 33.4984,
40.2870

■ 33.6998, 33.4984,
40.2870

310.4009,
317.8896, 362.9198

■ 22.8249, 22.5085,
27.4469

■ 64.8140, 65.1529,
76.8422

■ 14.5842, 14.2310,
17.6737

■ 85.7839, 86.5863,
101.3944

■ 8.6125, 8.2815,
10.5490

110.8495,
112.2696, 130.6877

■ 4.5444, 4.2756,
5.6541

140.3763,
142.5873, 165.1406

■ 2.0145, 1.8289,
2.5706

174.7294,
177.9238, 205.1718

■ 0.6421, 0.5051,
0.8772

214.2743,

■ 0.0000, 0.0000,

218.6634, 251.1997

0.0000

259.3764,
265.1905, 303.6428

■ 33.6998, 33.4984,
40.2870

■ 33.6998, 33.4984,
40.2870

■ 31.1842, 28.4667,
39.4489

■ 36.5908, 39.2799,
41.2511

■ 29.0258, 24.1499,
38.7294

■ 39.8687, 45.8357,
42.3437

■ 27.2093, 20.5171,
38.1239

■ 43.5480, 53.1942,
43.5701

■ 25.7173, 17.5330,
37.6266

■ 47.6416, 61.3814,
44.9347

■ 24.5306, 15.1596,
37.2310

■ 52.1620, 70.4221,
46.4414

■ 23.6281, 13.3547,
36.9302

■ 57.1208, 80.3398,
48.0944

■ 22.9861, 12.0707,
36.7162

■ 58.0690, 82.2362,
48.4104

■ 22.5770, 11.2525,
36.5798

■ 58.0690, 82.2362,
48.4104

■ 22.3576, 10.8138,
36.5067

■ 58.0691, 82.2362,
48.4104

Harmonies

Analogous

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



32.7856, 33.4984, 42.5950



33.6998, 33.4984, 40.2870



34.1161, 33.4984, 37.0564

Triad

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



33.6998, 33.4984, 40.2870



32.0419, 33.4984, 30.4666



29.8542, 33.4984, 39.2244

Complementary

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



33.6998, 33.4984, 40.2870



32.3430, 35.9834, 35.3795

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.



29.6660, 33.4984, 35.8978



33.6998, 33.4984, 40.2870



30.9112, 33.4984, 30.9695

Square

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



33.6998, 33.4984, 40.2870



33.1442, 33.4984, 31.4919



30.0484, 33.4984, 32.9096



30.5690, 33.4984, 41.9558

Rectangle

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



33.6998, 33.4984, 40.2870



34.0481, 33.4984, 34.8636



30.0484, 33.4984, 32.9096



29.7280, 33.4984, 38.1333

Sweetspot

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



33.7008, 33.4998, 40.2877



62.9790, 65.2432, 73.0262



31.3539, 32.3386, 40.1873



13.7818, 14.2902, 15.9694



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.



33.7008, 33.4998, 40.2877



59.4507, 58.1868, 71.8501



33.1847, 33.2934, 37.5703



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6050



0.3546, 0.1703, 0.5800

Inverse Universe

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



32.6593, 33.0832, 34.8031



57.1291, 57.2581, 59.6245



32.8338, 36.1797, 37.9640



7.0738, 7.0860, 7.3750



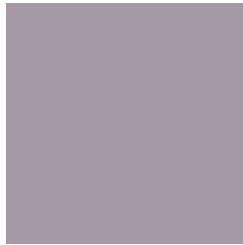
11.7388, 6.0516, 0.5494



0.2467, 0.1272, 0.0115

Previews

White Background



This preview shows how the XYZ color 33.6998, 33.4984, 40.2870 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 33.6998, 33.4984, 40.2870 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

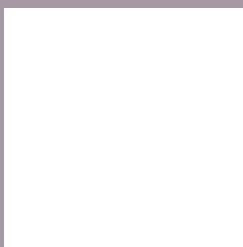
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6998, 33.4984, 40.2870

Background



This preview shows how black text looks on a background with the XYZ color 33.6998, 33.4984, 40.2870.



This preview shows how white text looks on a background with the XYZ color 33.6998, 33.4984,

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

33.6998, 33.4984, 40.2870

Protanopia

32.5738, 33.6349, 41.3346

Deuteranopia

34.1682, 33.4979, 40.2622



Tritanopia

33.6998, 33.4984, 40.2870

Trichromacy



Original Color

33.6998, 33.4984, 40.2870

Protanomaly

32.9024, 33.5668, 40.8213

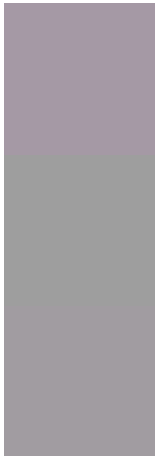
Deuteranomaly

33.9561, 33.3886, 40.2523

Tritanomaly

33.6998, 33.4984, 40.2870

Monochromacy



Original Color

33.6998, 33.4984, 40.2870

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.0194, 33.9272, 38.5265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6998, 33.4984, 40.2870 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(165, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 165)  
}
```

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(165, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.6998, 33.4984, 40.2870 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(165, 153, 165) }
```


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

```
.border{ border-color:rgb(165, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6998, 33.4984, 40.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 165) }
```

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

```
.background{ background-color: rgb(165,  
153, 165) }
```

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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