

Converting Colors

XYZ(32.6118, 31.9184, 39.9725)

Have a look what the booklet for
XYZ(32.6118, 31.9184, 39.9725)
contains.

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Color

**XYZ(32.6432, 31.9980,
40.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	A395A5
RGB	163, 149, 165
RGB Percent	64%, 58%, 65%
CMY	0.3608, 0.4157, 0.3529
CMYK	0.01, 0.10, 0.00, 0.35
HSL	292°, 8%, 62%
HSV	292°, 10%, 65%
XYZ	32.6432, 31.9980, 40.0531
YIQ	155.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

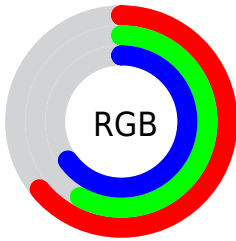
Format	Color
R_{YB}	163, 149, 165
Decimal	10720677
CIE Lab	63.34, 8.16, -6.51
CIE LCh	63, 10.439, 321.435
Yxy	31.9980, 0.3118, 0.3056
Android (android.graphics.Color)	4288910757 (0xFFA395A5)
YUV	155.0100, 4.9251, 7.0072
Hunter-Lab	56.5668, 4.0158, -2.3846

Details

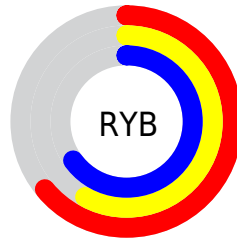
The XYZ color **32.6432, 31.9980, 40.0531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6437, 35.6604, 33.6507**, and the grayscale version is **31.1388, 32.7604, 35.6761**.

A 20% lighter version of the original color is **63.1876, 62.7846, 76.4984**, and **13.9039, 13.3071, 17.4585** is the 20% darker color. If you saturate the color by 10%, you get **29.7968, 26.9268, 39.2247**, and if you desaturate by 10%, it is **35.8682, 37.8153, 41.0064**.

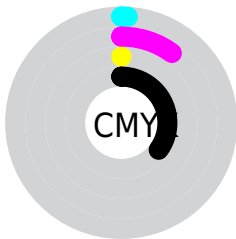
Distribution



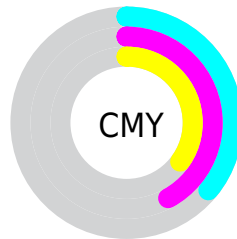
- Red (64%)
- Green (58%)
- Blue (65%)



- Red (64%)
- Yellow (58%)
- Blue (65%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6432, 31.9980, 40.0531 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 32.6432, 31.9980, 40.0531 by changing the saturation by 10% instead.

■ 32.6432, 31.9980,
40.0531

■ 32.6432, 31.9980,
40.0531

305.7324,
311.1101, 361.9061

■ 22.0112, 21.3600,
27.2658

■ 63.1765, 62.8080,
76.4823

■ 13.9818, 13.3874,
17.5388

■ 83.8085, 83.7487,
100.9614

■ 8.1896, 7.6958,
10.4534

108.5045,
108.8924, 130.1748

■ 4.2693, 3.9009,
5.5911

137.6299,
138.6235, 164.5411

■ 1.8556, 1.6183,
2.5333

171.5500,
173.3265, 204.4789

■ 0.5508, 0.3699,
0.8577

210.6302,

■ 0.0000, 0.0000,

213.3857, 250.4066

0.0000

255.2359,
259.1854, 302.7428

■ 32.6432, 31.9980,
40.0531

■ 32.6432, 31.9980,
40.0531

■ 29.7968, 26.9268,
39.2247

■ 35.8682, 37.8153,
41.0064

■ 27.3107, 22.5664,
38.5142

■ 39.4836, 44.4035,
42.0876

■ 25.1693, 18.8852,
37.9165

■ 43.5041, 51.7917,
43.3017

■ 23.3546, 15.8474,
37.4258

■ 47.9429, 60.0060,
44.6533

■ 21.8471, 13.4140,
37.0355

■ 52.8124, 69.0715,
46.1465

■ 20.6250, 11.5414,
36.7385

■ 58.1247, 79.0120,
47.7852

■ 19.6639, 10.1808,
36.5265

■ 60.7839, 83.6357,
48.5375

■ 18.9348, 9.2743,
36.3900

■ 61.2589, 83.8806,
48.5597

■ 18.3747, 8.6960,
36.3079

■ 61.7411, 84.1292,
48.5823

Harmonies

Analogous

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



31.4423, 31.9980, 42.8048



32.6432, 31.9980, 40.0531



33.2511, 31.9980, 36.0418

Triad

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



32.6432, 31.9980, 40.0531



30.8298, 31.9980, 27.5333



27.8937, 31.9980, 37.8374

Complementary

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



32.6432, 31.9980, 40.0531



31.6437, 35.6604, 33.6507

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.



27.7414, 31.9980, 33.6659



32.6432, 31.9980, 40.0531



29.4066, 31.9980, 27.9307

Square

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



32.6432, 31.9980, 40.0531



32.1826, 31.9980, 28.9684



28.2870, 31.9980, 30.1008



28.7097, 31.9980, 41.4566

Rectangle

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



32.6432, 31.9980, 40.0531



33.2254, 31.9980, 33.2828



28.2870, 31.9980, 30.1008



27.7642, 31.9980, 36.4458

Sweetspot

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



32.6441, 31.9994, 40.0538



62.2197, 64.0724, 72.8402



30.2754, 31.2838, 40.0405



13.5022, 13.8264, 15.8946



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.



32.6441, 31.9994, 40.0538



57.1126, 54.8909, 71.3372



32.5351, 32.0034, 37.3250



7.2768, 7.1571, 8.9010



13.9167, 6.5808, 27.4665



0.3152, 0.1500, 0.5782

Inverse Universe

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



31.8516, 31.7300, 33.7256



55.3616, 54.2979, 57.2634



31.7559, 35.6628, 36.1628



7.1081, 7.0997, 7.5559



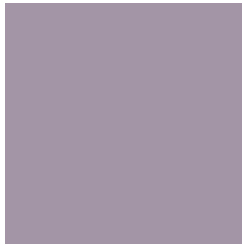
11.8494, 6.0958, 1.1318



0.2589, 0.1320, 0.0759

Previews

White Background



This preview shows how the XYZ color 32.6432, 31.9980, 40.0531 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 32.6432, 31.9980, 40.0531 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 32.6432, 31.9980, 40.0531

Background



This preview shows how black text looks on a background with the XYZ color 32.6432, 31.9980, 40.0531.



This preview shows how white text looks on a background with the XYZ color 32.6432, 31.9980,

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

32.6432, 31.9980, 40.0531

Protanopia

31.1522, 31.9219, 41.0789

Deuteranopia

32.6432, 31.9980, 40.0531



Tritanopia

32.2397, 32.0673, 38.2086

Trichromacy



Original Color

32.6432, 31.9980, 40.0531

Protanomaly

31.6598, 31.9543, 40.5755

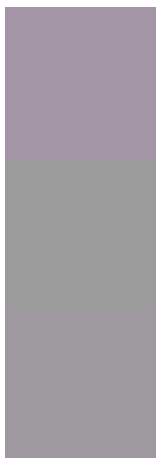
Deuteranomaly

32.6432, 31.9980, 40.0531

Tritanomaly

32.3282, 32.1027, 38.6750

Monochromacy



Original Color

32.6432, 31.9980, 40.0531

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7498, 32.5548, 37.4112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6432, 31.9980, 40.0531 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(163, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 149, 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(163, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 149, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.6432, 31.9980, 40.0531 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(163, 149, 165) }
```


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

```
.border{ border-color:rgb(163, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 149,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6432, 31.9980, 40.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 149, 165) }
```

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

```
.background{ background-color: rgb(163,  
149, 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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