

Converting Colors

XYZ(31.6394, 32.2047, 39.6705)

Have a look what the booklet for
XYZ(31.6394, 32.2047, 39.6705)
contains.

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Color

**XYZ(31.6394, 32.2047,
39.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	9C98A4
RGB	156, 152, 164
RGB Percent	61%, 60%, 64%
CMY	0.3882, 0.4039, 0.3569
CMYK	0.05, 0.07, 0.00, 0.36
HSL	260°, 6%, 62%
HSV	260°, 7%, 64%
XYZ	31.6394, 32.2047, 39.6705
YIQ	154.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

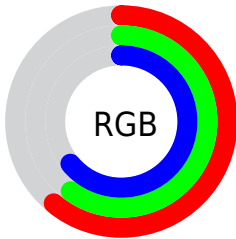
Format	Color
R_{YB}	156, 152, 164
Decimal	10262692
CIE Lab	63.51, 3.80, -5.76
CIE LCh	64, 6.898, 303.439
Yxy	32.2047, 0.3057, 0.3111
Android (android.graphics.Color)	4288452772 (0xFF9C98A4)
YUV	154.5640, 4.6519, 1.2594
Hunter-Lab	56.7492, 0.2081, -1.7222

Details

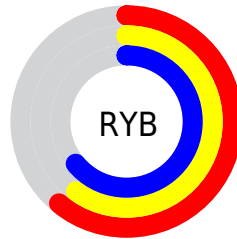
The XYZ color **31.6394, 32.2047, 39.6705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4412, 36.2923, 34.9499**, and the grayscale version is **30.9446, 32.5561, 35.4536**.

A 20% lighter version of the original color is **61.4358, 62.9587, 75.9321**, and **13.4040, 13.4805, 17.2248** is the 20% darker color. If you saturate the color by 10%, you get **27.1381, 26.2030, 38.7498**, and if you desaturate by 10%, it is **36.7012, 39.0435, 40.7242**.

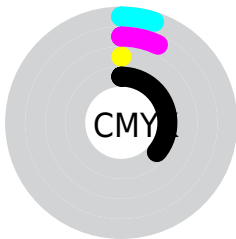
Distribution



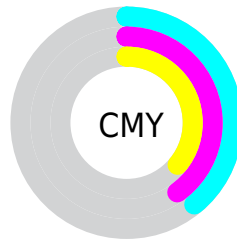
- Red (61%)
- Green (60%)
- Blue (64%)



- Red (61%)
- Yellow (60%)
- Blue (64%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6394, 32.2047, 39.6705 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 31.6394, 32.2047, 39.6705 by changing the saturation by 10% instead.

■ 31.6394, 32.2047,
39.6705

■ 31.6394, 32.2047,
39.6705

301.2479,
312.0507, 360.2435

■ 21.2404, 21.5179,
26.9699

■ 61.6144, 63.1319,
75.8931

■ 13.4133, 13.5031,
17.3184

■ 81.9211, 84.1410,
100.2522

■ 7.7927, 7.7759,
10.2974

106.2611,
109.3597, 129.3345

■ 4.0133, 3.9519,
5.4884

134.9997,
139.1724, 163.5586

■ 1.7097, 1.6467,
2.4729

168.5024,
173.9634, 203.3430

■ 0.4623, 0.3888,
0.8257

207.1344,

■ 0.0000, 0.0000,

214.1172, 249.1062

0.0000

251.2611,
260.0182, 301.2669

■ 31.6394, 32.2047,
39.6705

■ 31.6394, 32.2047,
39.6705

■ 27.1381, 26.2030,
38.7498

■ 36.7012, 39.0435,
40.7242

■ 23.1745, 21.0016,
37.9547

■ 42.3395, 46.7460,
41.9138

■ 19.7281, 16.5672,
37.2804

■ 48.5735, 55.3429,
43.2446

■ 16.7764, 12.8624,
36.7209

■ 55.4202, 64.8618,
44.7211

■ 14.2947, 9.8466,
36.2696

■ 62.8963, 75.3295,
46.3475

■ 12.2563, 7.4752,
35.9193

■ 71.0177, 86.7714,
48.1280

■ 10.6314, 5.6981,
35.6619

■ 75.9174, 91.4478,
48.7724

■ 9.3859, 4.4573,
35.4881

■ 79.5896, 93.3409,
48.9442

■ 8.4697, 3.6631,
35.3831

■ 83.4867, 95.3499,
49.1266

Harmonies

Analogous

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



30.7206, 32.2047, 40.6189



31.6394, 32.2047, 39.6705



32.2927, 32.2047, 37.4859

Triad

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



31.6394, 32.2047, 39.6705



31.4435, 32.2047, 30.5408



28.8015, 32.2047, 35.3839

Complementary

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



31.6394, 32.2047, 39.6705



33.4412, 36.2923, 34.9499

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.



28.9860, 32.2047, 32.7515



31.6394, 32.2047, 39.6705



30.4989, 32.2047, 30.0427

Square

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



31.6394, 32.2047, 39.6705



32.1779, 32.2047, 32.2288



29.6024, 32.2047, 30.8313



29.0931, 32.2047, 38.0639

Rectangle

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



31.6394, 32.2047, 39.6705



32.4827, 32.2047, 35.6737



29.6024, 32.2047, 30.8313



28.8100, 32.2047, 34.4641

Sweetspot

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



31.6403, 32.2061, 39.6712



62.1515, 64.8167, 72.9875



32.2563, 34.5678, 40.0946



13.6113, 14.2023, 15.9614



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.



31.6403, 32.2061, 39.6712



55.8413, 56.3261, 71.6812



32.7897, 32.7986, 39.7250



6.9125, 6.9693, 8.8839



6.3774, 2.6942, 27.1137



0.1824, 0.0816, 0.5720

Inverse Universe

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



32.8843, 32.8884, 37.8740



58.6452, 57.8646, 67.6081



32.3085, 35.7084, 34.8969



7.2635, 7.1618, 8.3740



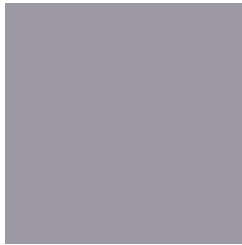
13.8925, 6.9131, 11.8905



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 31.6394, 32.2047, 39.6705 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 31.6394, 32.2047, 39.6705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

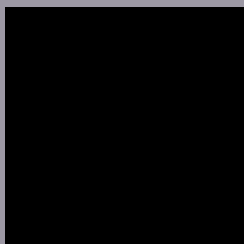
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

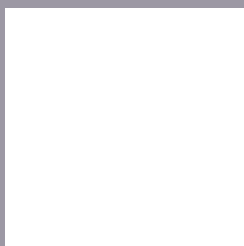
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6394, 32.2047, 39.6705

Background



This preview shows how black text looks on a background with the XYZ color 31.6394, 32.2047, 39.6705.



This preview shows how white text looks on a background with the XYZ color 31.6394, 32.2047,

39.6705.

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

31.6394, 32.2047, 39.6705

Protanopia

31.2289, 32.2351, 39.6980

Deuteranopia

32.8488, 32.1040, 40.0627



Tritanopia

31.6394, 32.2047, 39.6705

Trichromacy



Original Color

31.6394, 32.2047, 39.6705

Protanomaly

31.4185, 32.3328, 39.7069

Deuteranomaly

32.3958, 32.1064, 40.0870

Tritanomaly

31.6394, 32.2047, 39.6705

Monochromacy



Original Color

31.6394, 32.2047, 39.6705

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2447, 32.5484, 36.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6394, 32.2047, 39.6705 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(156, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 164)  
}
```

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(156, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.6394, 32.2047, 39.6705 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(156, 152, 164) }
```


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

```
.border{ border-color:rgb(156, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6394, 32.2047, 39.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 164) }
```

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

```
.background{ background-color: rgb(156,  
152, 164) }
```

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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