

Converting Colors

XYZ(32.6579, 31.3021, 49.4485)

Have a look what the booklet for
XYZ(32.6579, 31.3021, 49.4485)
contains.

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Color

**XYZ(32.7957, 31.3960,
49.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	9C93B8
RGB	156, 147, 184
RGB Percent	61%, 58%, 72%
CMY	0.3882, 0.4235, 0.2784
CMYK	0.15, 0.20, 0.00, 0.28
HSL	255°, 21%, 65%
HSV	255°, 20%, 72%
XYZ	32.7957, 31.3960, 49.6789
YIQ	153.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

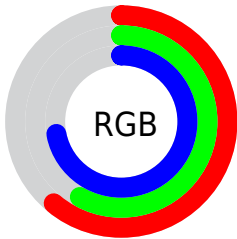
Format	Color
R _Y B	156, 147, 184
Decimal	10261432
CIE Lab	62.84, 10.87, -18.04
CIE LCh	63, 21.057, 301.064
Yxy	31.3960, 0.2880, 0.2757
Android (android.graphics.Color)	4288451512 (0xFF9C93B8)
YUV	153.9090, 14.8349, 1.8338
Hunter-Lab	56.0321, 6.4201, -13.3449

Details

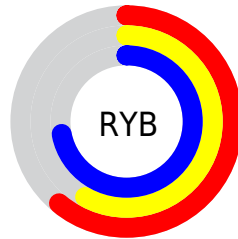
The XYZ color **32.7957, 31.3960, 49.6789** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0872, 45.5023, 34.2752**, and the grayscale version is **30.6151, 32.2095, 35.0761**.

A 20% lighter version of the original color is **63.4788, 61.9134, 91.0429**, and **13.9885, 12.9475, 23.2346** is the 20% darker color. If you saturate the color by 10%, you get **27.6184, 24.8145, 48.6819**, and if you desaturate by 10%, it is **38.7415, 39.0547, 50.8443**.

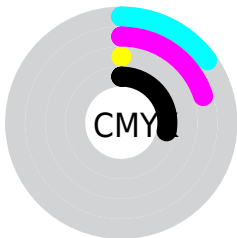
Distribution



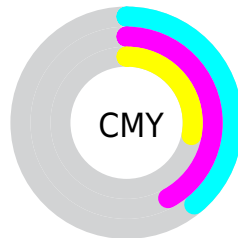
- Red (61%)
- Green (58%)
- Blue (72%)



- Red (61%)
- Yellow (58%)
- Blue (72%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7957, 31.3960, 49.6789 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 32.7957, 31.3960, 49.6789 by changing the saturation by 10% instead.

■ 32.7957, 31.3960,
49.6789

■ 32.7957, 31.3960,
49.6789

306.4094,
308.3586, 402.1080

■ 22.1285, 20.9006,
34.7889

■ 63.4133, 61.8630,
91.0903

■ 14.0685, 13.0513,
23.2181

■ 84.0943, 82.6034,
118.4489

■ 8.2503, 7.4639,
14.5478

108.8440,
107.5275, 150.8007

■ 4.3087, 3.7539,
8.3596

138.0276,
137.0198, 188.5644

■ 1.8782, 1.5369,
4.2348

172.0107,
171.4647, 232.1584

■ 0.5641, 0.3145,
1.7550

211.1584,

■ 0.0000, 0.0000,

211.2465, 282.0013

0.3980

255.8362,
256.7496, 338.5116

■ 0.0000, 0.0000,
0.0000

■ 32.7957, 31.3960,
49.6789

■ 32.7957, 31.3960,
49.6789

■ 27.6184, 24.8145,
48.6819

■ 38.7415, 39.0547,
50.8443

■ 23.1746, 19.2575,
47.8435

■ 45.4832, 47.8322,
52.1832

■ 19.4309, 14.6736,
47.1561

■ 53.0500, 57.7728,
53.7031

■ 16.3499, 11.0055,
46.6104

■ 61.4692, 68.9173,
55.4105

■ 13.8907, 8.1898,
46.1965

■ 70.7665, 81.3044,
57.3114

■ 12.0074, 6.1544,
45.9030

■ 80.1949, 93.4276,
59.1545

■ 10.6471, 4.8154,
45.7162

■ 85.0935, 95.9529,
59.3837

■ 9.7231, 4.0130,
45.6100

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



29.9440, 31.3960, 52.6559



32.7957, 31.3960, 49.6789



34.9636, 31.3960, 42.4620

Triad

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



32.7957, 31.3960, 49.6789



32.6061, 31.3960, 22.0813



24.6313, 31.3960, 34.4806

Complementary

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



32.7957, 31.3960, 49.6789



40.0872, 45.5023, 34.2752

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.



25.2448, 31.3960, 27.0601



32.7957, 31.3960, 49.6789



29.7381, 31.3960, 20.6342

Square

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



32.7957, 31.3960, 49.6789



34.8493, 31.3960, 26.6254



27.0692, 31.3960, 22.3024



25.3370, 31.3960, 43.0549

Rectangle

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



32.7957, 31.3960, 49.6789



35.6630, 31.3960, 36.7126



27.0692, 31.3960, 22.3024



24.6897, 31.3960, 31.7760

Sweetspot

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



32.7967, 31.3973, 49.6796



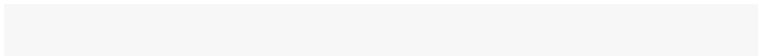
74.9493, 76.9237, 93.1021



36.0868, 40.4675, 51.2569



15.9906, 16.3661, 20.0378



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7967, 31.3973, 49.6796



55.2543, 51.5575, 89.2440



36.5717, 33.3434, 49.8563



8.7202, 8.8221, 11.3227



6.7558, 2.7940, 31.4363



0.2956, 0.1281, 1.1109

Inverse Universe

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



37.9397, 34.1542, 45.1516



66.2841, 57.4742, 79.3420



36.2866, 43.5430, 34.0973



9.2850, 9.1244, 10.8484



16.8767, 8.3244, 17.7692



0.6177, 0.3026, 0.7464

Previews

White Background



This preview shows how the XYZ color 32.7957, 31.3960, 49.6789 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 32.7957, 31.3960, 49.6789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

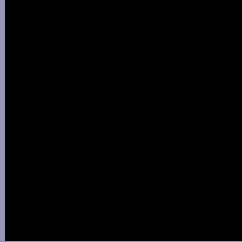
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7957, 31.3960, 49.6789

Background



This preview shows how black text looks on a background with the XYZ color 32.7957, 31.3960, 49.6789.



This preview shows how white text looks on a background with the XYZ color 32.7957, 31.3960,

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

32.7957, 31.3960, 49.6789

Protanopia

31.4311, 31.6077, 50.8987

Deuteranopia

32.1617, 31.5349, 49.7391



Tritanopia

30.6264, 31.4530, 39.1072

Trichromacy



Original Color

32.7957, 31.3960, 49.6789

Protanomaly

31.8760, 31.6114, 50.3205

Deuteranomaly

32.3785, 31.4128, 49.7041

Tritanomaly

31.3939, 31.5253, 42.9584

Monochromacy



Original Color

32.7957, 31.3960, 49.6789

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3757, 31.8184, 40.0852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7957, 31.3960, 49.6789 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, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 184)  
}
```

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, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.7957, 31.3960, 49.6789 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, 147, 184) }
```


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

```
.border{ border-color:rgb(156, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7957, 31.3960, 49.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 184) }
```

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

```
.background{ background-color: rgb(156,  
147, 184) }
```

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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