

Converting Colors

XYZ(31.5929, 29.7263, 39.4944)

Have a look what the booklet for
XYZ(31.5929, 29.7263, 39.4944)
contains.

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Color

**XYZ(31.6262, 29.6589,
39.6552)**

Conversions

Conversions Part 1

Format	Color
Hex	A48DA5
RGB	164, 141, 165
RGB Percent	64%, 55%, 65%
CMY	0.3569, 0.4470, 0.3529
CMYK	0.01, 0.15, 0.00, 0.35
HSL	297°, 12%, 60%
HSV	297°, 15%, 65%
XYZ	31.6262, 29.6589, 39.6552
YIQ	150.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

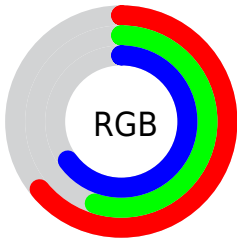
Format	Color
RYB	164, 141, 165
Decimal	10784165
CIELab	61.36, 13.03, -9.45
CIELCh	61, 16.098, 324.055
Yxy	29.6589, 0.3133, 0.2938
Android (android.graphics.Color)	4288974245 (0xFFA48DA5)
YUV	150.6130, 7.0928, 11.7404
Hunter-Lab	54.4600, 8.3542, -5.0502

Details

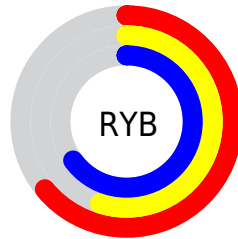
The XYZ color **31.6262, 29.6589, 39.6552** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4194, 34.5850, 30.3259**, and the grayscale version is **29.2198, 30.7415, 33.4775**.

A 20% lighter version of the original color is **61.6468, 59.2576, 75.8989**, and **13.4038, 12.1192, 17.2556** is the 20% darker color. If you saturate the color by 10%, you get **29.2310, 25.0782, 38.8977**, and if you desaturate by 10%, it is **34.3864, 34.9675, 40.5348**.

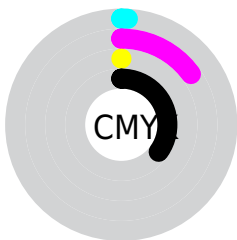
Distribution



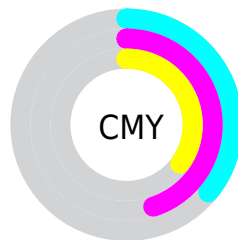
- Red (64%)
- Green (55%)
- Blue (65%)



- Red (64%)
- Yellow (55%)
- Blue (65%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6262, 29.6589, 39.6552 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 31.6262, 29.6589, 39.6552 by changing the saturation by 10% instead.

■ 31.6262, 29.6589,
39.6552

■ 31.6262, 29.6589,
39.6552

301.1886,
300.3113, 360.1769

■ 21.2303, 19.5798,
26.9581

■ 61.5938, 59.1223,
75.8695

■ 13.4059, 12.0900,
17.3096

■ 81.8962, 79.2755,
100.2238

■ 7.7875, 6.8050,
10.2912

■ 106.2315,
103.5554, 129.3008

■ 4.0100, 3.3404,
5.4843

134.9650,
132.3466, 163.5192

■ 1.7078, 1.3119,
2.4705

168.4621,
166.0334, 203.2975

■ 0.4611, 0.1504,
0.8244

207.0882,

■ 0.0000, 0.0000,

205.0001, 249.0542

0.0000

251.2085,
249.6313, 301.2078

■ 31.6262, 29.6589,
39.6552

■ 31.6262, 29.6589,
39.6552

■ 29.2310, 25.0782,
38.8977

■ 34.3864, 34.9675,
40.5348

■ 27.1822, 21.1896,
38.2551

■ 37.5239, 41.0301,
41.5397

■ 25.4635, 17.9601,
37.7223

■ 41.0538, 47.8763,
42.6751

■ 24.0562, 15.3523,
37.2932

■ 44.9895, 55.5329,
43.9455

■ 22.9400, 13.3254,
36.9608

■ 49.3437, 64.0255,
45.3552

■ 22.0917, 11.8334,
36.7175

■ 54.1287, 73.3784,
46.9083

■ 21.4851, 10.8236,
36.5546

■ 58.8742, 82.6512,
48.4481

■ 21.0881, 10.2318,
36.4613

■ 59.0219, 82.7274,
48.4550

■ 20.9164, 9.9982,
36.4252

■ 59.1705, 82.8040,
48.4619

Harmonies

Analogous

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



29.8871, 29.6589, 44.1911



31.6262, 29.6589, 39.6552



32.4489, 29.6589, 33.5198

Triad

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



31.6262, 29.6589, 39.6552



28.6149, 29.6589, 22.0036



24.6235, 29.6589, 37.2981

Complementary

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



31.6262, 29.6589, 39.6552



29.4194, 34.5850, 30.3259

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.



24.3208, 29.6589, 31.0975



31.6262, 29.6589, 39.6552



26.5582, 29.6589, 22.7495

Square

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



31.6262, 29.6589, 39.6552



30.6551, 29.6589, 23.7219



25.0120, 29.6589, 25.9044



25.8605, 29.6589, 42.7151

Rectangle

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



31.6262, 29.6589, 39.6552



32.3389, 29.6589, 29.5362



25.0120, 29.6589, 25.9044



24.4118, 29.6589, 35.2173

Sweetspot

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



31.6271, 29.6602, 39.6558



61.8317, 63.1034, 72.6736



27.4802, 27.7865, 39.5127



13.4341, 13.6345, 15.8612



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.



31.6271, 29.6602, 39.6558



55.3895, 50.7196, 70.6229



30.8923, 29.3902, 34.7050



7.3350, 7.1871, 8.9037



15.8340, 7.5692, 27.5562



0.3410, 0.1633, 0.5794

Inverse Universe

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



29.9255, 29.0035, 29.6139



51.8353, 49.3489, 49.6024



30.0918, 34.8342, 34.7588



7.0852, 7.0905, 7.4350



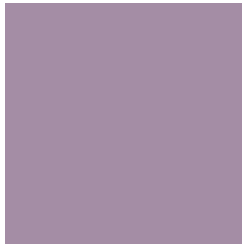
11.7720, 6.0649, 0.7242



0.2507, 0.1288, 0.0330

Previews

White Background



This preview shows how the XYZ color 31.6262, 29.6589, 39.6552 looks on a white background.

Color Contrast Check

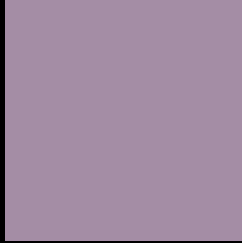
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6262, 29.6589, 39.6552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

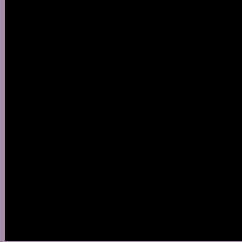
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6262, 29.6589, 39.6552

Background



This preview shows how black text looks on a background with the XYZ color 31.6262, 29.6589, 39.6552.



This preview shows how white text looks on a background with the XYZ color 31.6262, 29.6589,

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

31.6262, 29.6589, 39.6552

Protanopia

29.2722, 29.7518, 41.7360

Deuteranopia

30.1917, 29.5954, 39.2432



Tritanopia

30.5555, 29.6594, 34.6862

Trichromacy



Original Color

31.6262, 29.6589, 39.6552

Protanomaly

30.1422, 29.7534, 41.2001

Deuteranomaly

30.6239, 29.5944, 39.2202

Tritanomaly

30.9488, 29.6012, 36.4302

Monochromacy



Original Color

31.6262, 29.6589, 39.6552

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.1448, 30.3357, 35.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6262, 29.6589, 39.6552 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(164, 141, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 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(164, 141, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.6262, 29.6589, 39.6552 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(164, 141, 165) }
```


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

```
.border{ border-color:rgb(164, 141, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6262, 29.6589, 39.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 165) }
```

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

```
.background{ background-color: rgb(164,  
141, 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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