

Converting Colors

XYZ(31.2167, 29.4477, 39.6360)

Have a look what the booklet for
XYZ(31.2167, 29.4477, 39.6360)
contains.

XYZ(31.2167, 29.4477, 39.6360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.2167, 29.4477,
39.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	A28DA5
RGB	162, 141, 165
RGB Percent	64%, 55%, 65%
CMY	0.3647, 0.4470, 0.3529
CMYK	0.02, 0.15, 0.00, 0.35
HSL	293°, 12%, 60%
HSV	293°, 15%, 65%
XYZ	31.2167, 29.4477, 39.6360
YIQ	150.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

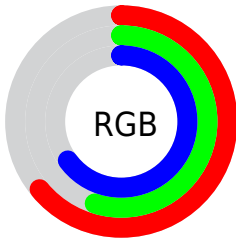
Format	Color
R_{YB}	162, 141, 165
Decimal	10653093
CIE _{Lab}	61.17, 12.32, -9.74
CIE _{LCh}	61, 15.711, 321.669
Yxy	29.4477, 0.3112, 0.2936
Android (android.graphics.Color)	4288843173 (0xFFA28DA5)
YUV	150.0150, 7.3876, 10.5108
Hunter-Lab	54.2657, 7.7182, -5.3197

Details

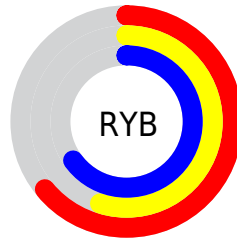
The XYZ color **31.2167, 29.4477, 39.6360** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7654, 34.7634, 30.3419**, and the grayscale version is **28.9647, 30.4731, 33.1852**.

A 20% lighter version of the original color is **61.0486, 58.9492, 75.8709**, and **13.1521, 11.9894, 17.2438** is the 20% darker color. If you saturate the color by 10%, you get **28.5475, 24.7257, 38.8657**, and if you desaturate by 10%, it is **34.2570, 34.9007, 40.5287**.

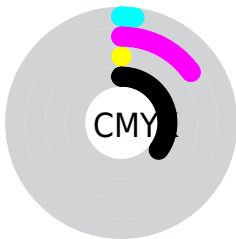
Distribution



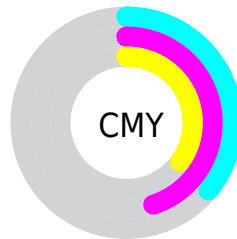
- Red (64%)
- Green (55%)
- Blue (65%)



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



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2167, 29.4477, 39.6360 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 31.2167, 29.4477, 39.6360 by changing the saturation by 10% instead.


 31.2167, 29.4477,
39.6360


 31.2167, 29.4477,
39.6360


299.3445,
299.3215, 360.0933


 20.9166, 19.4198,
26.9432


 60.9546, 58.7876,
75.8399

 13.1751, 11.9740,
17.2985


 81.1231, 78.8684,
100.1882

 7.6271, 6.7260,
10.2834


 105.3117,
103.0690, 129.2586

 3.9071, 3.2913,
5.4792

133.8858,
131.7736, 163.4699

 1.6497, 1.2856,
2.4675

167.2108,
165.3668, 203.2404

 0.4245, 0.1300,
0.8228

205.6520,

 0.0000, 0.0000,

204.2329, 248.9888

0.0000

249.5748,
248.7564, 301.1336

■ 31.2167, 29.4477,
39.6360

■ 31.2167, 29.4477,
39.6360

■ 28.5475, 24.7257,
38.8657

■ 34.2570, 34.9007,
40.5287

■ 26.2308, 20.6990,
38.2106

■ 37.6808, 41.1108,
41.5470

■ 24.2502, 17.3345,
37.6655

■ 41.5031, 48.1078,
42.6960

■ 22.5871, 14.5949,
37.2244

■ 45.7373, 55.9183,
43.9805

■ 21.2209, 12.4392,
36.8803

■ 50.3964, 64.5679,
45.4045

■ 20.1287, 10.8214,
36.6256

■ 55.4924, 74.0812,
46.9721

■ 19.2841, 9.6889,
36.4515

■ 60.5555, 83.5180,
48.5267

■ 18.6549, 8.9775,
36.3474

■ 61.0269, 83.7610,
48.5488

■ 18.3590, 8.6799,
36.3055

■ 61.5055, 84.0077,
48.5712

Harmonies

Analogous

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



29.4791, 29.4477, 43.8191



31.2167, 29.4477, 39.6360



32.0993, 29.4477, 33.7375

Triad

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



31.2167, 29.4477, 39.6360



28.5677, 29.4477, 22.0876



24.4631, 29.4477, 36.4427

Complementary

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



31.2167, 29.4477, 39.6360



29.7654, 34.7634, 30.3419

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.



24.2458, 29.4477, 30.4459



31.2167, 29.4477, 39.6360



26.5502, 29.4477, 22.6244

Square

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



31.2167, 29.4477, 39.6360



30.5215, 29.4477, 23.9540



24.9921, 29.4477, 25.5227



25.6009, 29.4477, 41.8235

Rectangle

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



31.2167, 29.4477, 39.6360



32.0553, 29.4477, 29.8209



24.9921, 29.4477, 25.5227



24.2823, 29.4477, 34.4159

Sweetspot

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



31.2176, 29.4490, 39.6366



61.6240, 62.9963, 72.6639



27.7808, 28.3878, 39.6130



13.3806, 13.6070, 15.8587



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.



31.2176, 29.4490, 39.6366



54.5193, 50.2710, 70.5821



31.0605, 29.4574, 35.5910



7.2768, 7.1571, 8.9010



13.9173, 6.5811, 27.4665



0.3152, 0.1500, 0.5782

Inverse Universe

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



30.0769, 29.0640, 30.4115



52.1463, 49.4733, 51.2401



29.9295, 34.7693, 33.9046



7.1081, 7.0997, 7.5559



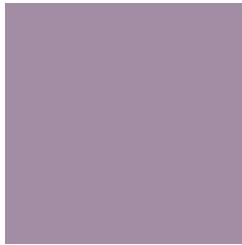
11.8494, 6.0958, 1.1316



0.2589, 0.1320, 0.0759

Previews

White Background



This preview shows how the XYZ color 31.2167, 29.4477, 39.6360 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 31.2167, 29.4477, 39.6360 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 31.2167, 29.4477, 39.6360

Background



This preview shows how black text looks on a background with the XYZ color 31.2167, 29.4477, 39.6360.



This preview shows how white text looks on a background with the XYZ color 31.2167, 29.4477,

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

31.2167, 29.4477, 39.6360

Protanopia

29.0967, 29.6613, 41.7278

Deuteranopia

30.0005, 29.4969, 39.2342



Tritanopia

30.1524, 29.4516, 34.6674

Trichromacy



Original Color

31.2167, 29.4477, 39.6360

Protanomaly

29.9558, 29.6573, 41.1914

Deuteranomaly

30.4279, 29.4934, 39.2110

Tritanomaly

30.5425, 29.3917, 36.4112

Monochromacy



Original Color

31.2167, 29.4477, 39.6360

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6765, 30.1040, 35.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2167, 29.4477, 39.6360 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(162, 141, 165)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 141, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.2167, 29.4477, 39.6360 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(162, 141, 165) }
```


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

```
.border{ border-color:rgb(162, 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(162, 141, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 165);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2167, 29.4477, 39.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 165) }
```

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

```
.background{ background-color: rgb(162,  
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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