

Converting Colors

XYZ(31.5457, 28.9880, 62.6761)

Have a look what the booklet for
XYZ(31.5457, 28.9880, 62.6761)
contains.

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Color

**XYZ(31.4558, 28.8366,
62.9396)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8CCF
RGB	140, 140, 207
RGB Percent	55%, 55%, 81%
CMY	0.4510, 0.4510, 0.1882
CMYK	0.32, 0.32, 0.00, 0.19
HSL	240°, 41%, 68%
HSV	240°, 32%, 81%
XYZ	31.4558, 28.8366, 62.9396
YIQ	147.6380, -21.5070, 20.8370

Conversions

Conversions Part 2

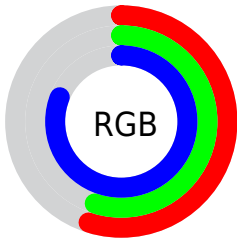
Format	Color
RYB	140, 140, 207
Decimal	9211087
CIELab	60.64, 15.52, -34.47
CIELCh	61, 37.803, 294.239
Yxy	28.8366, 0.2553, 0.2340
Android (android.graphics.Color)	4287401167 (0xFF8C8CCF)
YUV	147.6380, 29.2655, -6.6985
Hunter-Lab	53.6997, 10.5858, -31.9020

Details

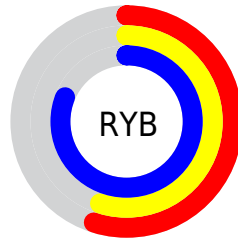
The XYZ color **31.4558, 28.8366, 62.9396** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.7791, 59.7850, 33.5699**, and the grayscale version is **27.8871, 29.3394, 31.9506**.

A 20% lighter version of the original color is **59.6256, 56.9620, 102.4599**, and **13.2541, 11.6056, 31.2473** is the 20% darker color. If you saturate the color by 10%, you get **25.5449, 21.7143, 61.8769**, and if you desaturate by 10%, it is **38.5937, 37.4373, 64.2240**.

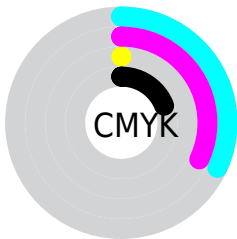
Distribution



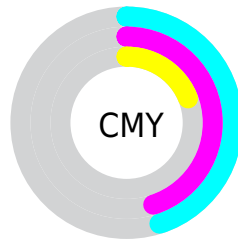
- Red (55%)
- Green (55%)
- Blue (81%)



- Red (55%)
- Yellow (55%)
- Blue (81%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4558, 28.8366, 62.9396 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 31.4558, 28.8366, 62.9396 by changing the saturation by 10% instead.

■ 31.4558, 28.8366,
62.9396

■ 31.4558, 28.8366,
62.9396

300.4222,
296.4432, 453.4522

■ 21.0997, 18.9572,
45.3517

■ 61.3279, 57.8174,
110.6671

■ 13.3098, 11.6394,
31.3895

■ 81.5747, 77.6876,
141.6437

■ 7.7207, 6.4986,
20.6347

■ 105.8491,
101.6569, 177.9204

■ 3.9670, 3.1506,
12.6686

134.5164,
130.1096, 219.9155

■ 1.6835, 1.2108,
7.0727

167.9420,
163.4302, 268.0477

■ 0.4459, 0.0705,
3.4285

206.4913,

■ 0.0000, 0.0000,

202.0031, 322.7356

1.3174

250.5296,
246.2126, 384.3975

■ 0.0000, 0.0000,
0.0760

■ 0.0000, 0.0000,
0.0000

■ 31.4558, 28.8366,
62.9396

■ 31.4558, 28.8366,
62.9396

■ 25.5449, 21.7143,
61.8769

■ 38.5937, 37.4373,
64.2240

■ 20.7892, 15.9839,
61.0215

■ 47.0192, 47.5894,
65.7395

■ 17.1140, 11.5556,
60.3604

■ 56.7923, 59.3653,
67.4974

■ 14.4347, 8.3272,
59.8785

■ 67.9684, 72.8319,
69.5076

■ 12.6540, 6.1816,
59.5582

■ 80.5999, 88.0520,
71.7797

■ 11.6553, 4.9782,
59.3786

■ 88.2626, 97.2850,
73.1579

■ 11.2626, 4.5050,
59.3079

Harmonies

Analogous

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



26.4746, 28.8366, 66.5678



31.4558, 28.8366, 62.9396



35.7751, 28.8366, 49.9274

Triad

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



31.4558, 28.8366, 62.9396



33.2835, 28.8366, 14.2140



19.0716, 28.8366, 28.7699

Complementary

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



31.4558, 28.8366, 62.9396



52.7791, 59.7850, 33.5699

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.



20.4597, 28.8366, 18.1354



31.4558, 28.8366, 62.9396



28.3638, 28.8366, 11.4934

Square

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



31.4558, 28.8366, 62.9396



36.9151, 28.8366, 21.5831



23.7238, 28.8366, 12.6780



19.6923, 28.8366, 43.8123

Rectangle

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



31.4558, 28.8366, 62.9396



37.4984, 28.8366, 39.3019



23.7238, 28.8366, 12.6780



19.3131, 28.8366, 24.6322

Sweetspot

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



31.4568, 28.8377, 62.9403



78.6808, 80.2761, 105.9557



44.3913, 54.7067, 67.2518



16.3873, 16.6358, 22.5973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.4568, 28.8377, 62.9403



43.4866, 37.8694, 99.6253



37.9858, 32.2035, 63.2458



11.1637, 11.4177, 14.8591



7.0959, 2.8384, 37.3664



0.3968, 0.1587, 2.0893

Inverse Universe

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



46.3733, 36.5275, 63.6381



71.1030, 52.1061, 100.9171



44.3916, 55.4611, 33.1774



12.3109, 12.0091, 14.9128



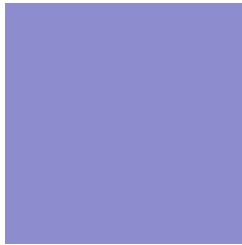
23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 31.4558, 28.8366, 62.9396 looks on a white background.

Color Contrast Check

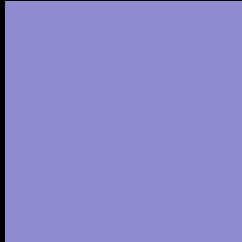
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4558, 28.8366, 62.9396 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 31.4558, 28.8366, 62.9396

Background



This preview shows how black text looks on a background with the XYZ color 31.4558, 28.8366, 62.9396.



This preview shows how white text looks on a background with the XYZ color 31.4558, 28.8366,

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

31.4558, 28.8366, 62.9396

Protanopia

30.0636, 28.9596, 64.9780

Deuteranopia

29.7234, 29.0670, 62.4364



Tritanopia

26.3864, 28.8139, 37.8891

Trichromacy



Original Color

31.4558, 28.8366, 62.9396

Protanomaly

30.5370, 28.9942, 64.3086

Deuteranomaly

30.1690, 28.8470, 62.3705

Tritanomaly

28.1463, 28.8405, 46.2028

Monochromacy



Original Color

31.4558, 28.8366, 62.9396

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.9639, 29.1351, 41.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4558, 28.8366, 62.9396 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(140, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 207)  
}
```

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(140, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 207) }
```

Border

The CSS property to change the border of an element to XYZ 31.4558, 28.8366, 62.9396 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(140, 140, 207) }
```


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

```
.border{ border-color:rgb(140, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4558, 28.8366, 62.9396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 207) }
```

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

```
.background{ background-color: rgb(140,  
140, 207) }
```

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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