

Converting Colors

XYZ(28.1098, 31.4770, 43.5048)

Have a look what the booklet for
XYZ(28.1098, 31.4770, 43.5048)
contains.

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Color

**XYZ(28.1075, 31.5281,
43.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9DAC
RGB	126, 157, 172
RGB Percent	49%, 62%, 67%
CMY	0.5059, 0.3843, 0.3255
CMYK	0.27, 0.09, 0.00, 0.33
HSL	200°, 22%, 58%
HSV	200°, 27%, 67%
XYZ	28.1075, 31.5281, 43.6338
YIQ	149.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

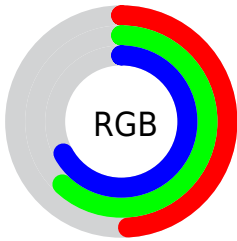
Format	Color
RYB	126, 145, 172
Decimal	8297900
CIELab	62.95, -7.19, -11.33
CIElCh	63, 13.418, 237.608
Yxy	31.5281, 0.2722, 0.3053
Android (android.graphics.Color)	4286487980 (0xFF7E9DAC)
YUV	149.4410, 11.1216, -20.5578
Hunter-Lab	56.1499, -8.9088, -6.7690

Details

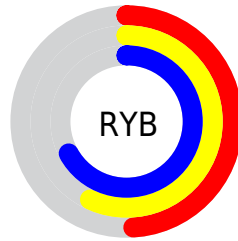
The XYZ color **28.1075, 31.5281, 43.6338** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.3043, 29.3268, 23.8027**, and the grayscale version is **28.7152, 30.2106, 32.8993**.

A 20% lighter version of the original color is **56.2310, 62.3363, 81.7415**, and **11.5247, 13.2006, 19.7099** is the 20% darker color. If you saturate the color by 10%, you get **24.8591, 28.4779, 43.2168**, and if you desaturate by 10%, it is **31.8374, 34.8928, 44.0872**.

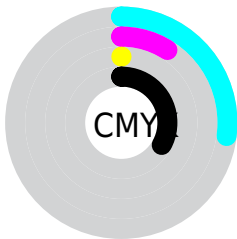
Distribution



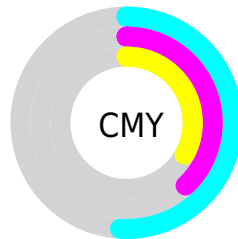
- Red (49%)
- Green (62%)
- Blue (67%)



- Red (49%)
- Yellow (57%)
- Blue (67%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1075, 31.5281, 43.6338 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 28.1075, 31.5281, 43.6338 by changing the saturation by 10% instead.

■ 28.1075, 31.5281,
43.6338

■ 28.1075, 31.5281,
43.6338

285.0510,
308.9639, 377.2093

■ 18.5476, 21.0013,
30.0476

■ 56.0635, 62.0706,
81.9630

■ 11.4459, 13.1250,
19.6224

■ 75.1902, 82.8550,
107.5431

■ 6.4371, 7.5147,
11.9395

■ 98.2366, 107.8275,
137.9583

■ 3.1558, 3.7860,
6.5805

125.5681,
137.3724, 173.6272

■ 1.2367, 1.5546,
3.1267

157.5499,
171.8741, 214.9681

■ 0.1350, 0.3267,
1.1597

194.5474,

■ 0.0000, 0.0000,

211.7170, 262.3998

0.0000

236.9260,
257.2855, 316.3407

■ 28.1075, 31.5281,
43.6338

■ 28.1075, 31.5281,
43.6338

■ 24.8591, 28.4779,
43.2168

■ 31.8374, 34.8928,
44.0872

■ 22.0665, 25.7256,
42.8327

■ 36.0673, 38.5800,
44.5759

■ 19.7058, 23.2590,
42.4810

■ 40.8181, 42.6020,
45.1019

■ 17.7496, 21.0629,
42.1603

■ 46.1086, 46.9693,
45.6660

■ 16.1670, 19.1205,
41.8688

■ 51.9566, 51.6920,
46.2694

■ 14.9224, 17.4126,
41.6047

■ 58.3791, 56.7796,
46.9129

■ 13.9653, 15.9121,
41.3655

■ 65.3924, 62.2412,
47.5974

■ 13.6827, 15.4511,
41.2914

■ 69.7759, 66.4174,
48.1725

■ 71.1147, 69.0949,
48.6187

Harmonies

Analogous

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



26.9340, 31.5281, 39.2512



28.1075, 31.5281, 43.6338



29.8188, 31.5281, 45.5029

Triad

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



28.1075, 31.5281, 43.6338



33.6493, 31.5281, 34.7541



28.3537, 31.5281, 26.0961

Complementary

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



28.1075, 31.5281, 43.6338



30.3043, 29.3268, 23.8027

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.



30.1147, 31.5281, 25.1523



28.1075, 31.5281, 43.6338



33.2185, 31.5281, 29.8360

Square

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



28.1075, 31.5281, 43.6338



33.0603, 31.5281, 40.0591



31.9057, 31.5281, 26.4506



27.0720, 31.5281, 29.1727

Rectangle

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



28.1075, 31.5281, 43.6338



31.0516, 31.5281, 44.9420



31.9057, 31.5281, 26.4506



28.9070, 31.5281, 25.5336

Sweetspot

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



28.1085, 31.5294, 43.6345



64.3005, 69.0165, 80.7383



28.1328, 35.8514, 30.4685



13.7203, 14.7796, 17.5173



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.1085, 31.5294, 43.6345



47.4525, 53.9036, 78.7092



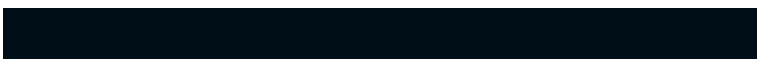
24.6363, 24.5851, 42.4771



8.0129, 8.6252, 10.1952



10.2336, 11.6011, 30.7444



0.3317, 0.4167, 0.8709

Inverse Universe

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



30.5606, 26.1274, 35.3321



52.7303, 42.7769, 60.7281



33.9777, 36.6737, 25.0272



8.2243, 8.1030, 9.4920



15.0291, 7.4742, 13.0645



0.4418, 0.2174, 0.4883

Previews

White Background



This preview shows how the XYZ color 28.1075, 31.5281, 43.6338 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 28.1075, 31.5281, 43.6338 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

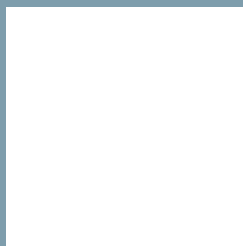
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1075, 31.5281, 43.6338

Background



This preview shows how black text looks on a background with the XYZ color 28.1075, 31.5281, 43.6338.



This preview shows how white text looks on a background with the XYZ color 28.1075, 31.5281,

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

28.1075, 31.5281, 43.6338

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

31.9402, 31.3037, 44.4032



Tritanopia

27.9169, 31.4518, 42.6296

Trichromacy



Original Color

28.1075, 31.5281, 43.6338

Protanomaly

29.5372, 31.3098, 42.0227

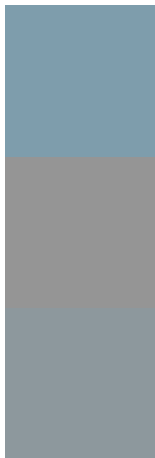
Deuteranomaly

30.2865, 31.1701, 43.9553

Tritanomaly

28.0118, 31.4898, 43.1298

Monochromacy



Original Color

28.1075, 31.5281, 43.6338

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2985, 30.5535, 36.3042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1075, 31.5281, 43.6338 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(126, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 172)  
}
```

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(126, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.1075, 31.5281, 43.6338 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(126, 157, 172) }
```


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

```
.border{ border-color:rgb(126, 157, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 157, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1075, 31.5281, 43.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 172) }
```

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

```
.background{ background-color: rgb(126,  
157, 172) }
```

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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