

Converting Colors

XYZ(28.7607, 31.9018, 43.8021)

Have a look what the booklet for
XYZ(28.7607, 31.9018, 43.8021)
contains.

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Color

**XYZ(28.7093, 31.8383,
43.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	829DAC
RGB	130, 157, 172
RGB Percent	51%, 62%, 67%
CMY	0.4902, 0.3843, 0.3255
CMYK	0.24, 0.09, 0.00, 0.33
HSL	201°, 20%, 59%
HSV	201°, 24%, 67%
XYZ	28.7093, 31.8383, 43.6620
YIQ	150.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

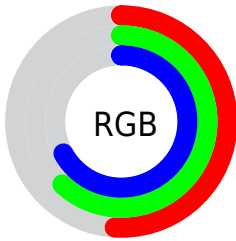
Format	Color
RYB	130, 146, 172
Decimal	8560044
CIELab	63.21, -5.94, -10.92
CIELCh	63, 12.428, 241.450
Yxy	31.8383, 0.2755, 0.3055
Android (android.graphics.Color)	4286750124 (0xFF829DAC)
YUV	150.6370, 10.5320, -18.0986
Hunter-Lab	56.4254, -7.9236, -6.3808

Details

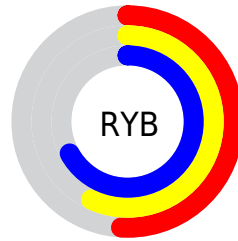
The XYZ color **28.7093, 31.8383, 43.6620** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1684, 30.6334, 25.3900**, and the grayscale version is **29.2240, 30.7459, 33.4823**.

A 20% lighter version of the original color is **57.1758, 62.8234, 81.7857**, and **11.8525, 13.3696, 19.7252** is the 20% darker color. If you saturate the color by 10%, you get **25.2753, 28.5646, 43.2116**, and if you desaturate by 10%, it is **32.6385, 35.4464, 44.1519**.

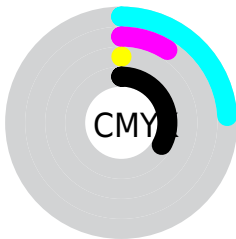
Distribution



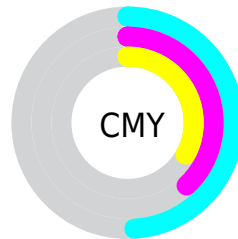
- Red (51%)
- Green (62%)
- Blue (67%)



- Red (51%)
- Yellow (57%)
- Blue (67%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7093, 31.8383, 43.6620 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 28.7093, 31.8383, 43.6620 by changing the saturation by 10% instead.

■ 28.7093, 31.8383,
43.6620

■ 28.7093, 31.8383,
43.6620

287.8599,
310.3820, 377.3281

■ 19.0042, 21.2380,
30.0696

■ 57.0157, 62.5575,
82.0059

■ 11.7773, 13.2981,
19.6389

■ 76.3476, 83.4452,
107.5946

■ 6.6634, 7.6341,
11.9514

■ 99.6193, 108.5309,
138.0191

■ 3.2969, 3.8617,
6.5885

127.1959,
138.1989, 173.6980

■ 1.3127, 1.5965,
3.1316

159.4430,
172.8336, 215.0498

■ 0.1927, 0.3553,
1.1622

196.7257,

■ 0.0000, 0.0000,

212.8194, 262.4930

0.0000

239.4096,
258.5407, 316.4463

■ 28.7093, 31.8383,
43.6620

■ 28.7093, 31.8383,
43.6620

■ 25.2753, 28.5646,
43.2116

■ 32.6385, 35.4464,
44.1519

■ 22.3110, 25.6088,
42.7973

■ 37.0811, 39.3971,
44.6803

■ 19.7928, 22.9581,
42.4184

■ 42.0579, 43.7029,
45.2491

■ 17.6937, 20.5976,
42.0734

■ 47.5878, 48.3746,
45.8594

■ 15.9835, 18.5106,
41.7607

■ 53.6885, 53.4225,
46.5121

■ 14.6277, 16.6779,
41.4784

■ 60.3769, 58.8562,
47.2084

■ 13.5848, 15.0768,
41.2244

■ 67.6694, 64.6852,
47.9492

■ 13.0851, 14.2557,
41.0922

■ 70.7918, 68.4492,
48.5111

■ 72.3009, 71.4674,
49.0142

Harmonies

Analogous

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



27.5288, 31.8383, 39.8426



28.7093, 31.8383, 43.6620



30.3450, 31.8383, 45.0144

Triad

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



28.7093, 31.8383, 43.6620



33.6866, 31.8383, 34.4276



28.5697, 31.8383, 27.2032

Complementary

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



28.7093, 31.8383, 43.6620



31.1684, 30.6334, 25.3900

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.



30.1778, 31.8383, 26.0400



28.7093, 31.8383, 43.6620



33.1689, 31.8383, 29.9593

Square

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



28.7093, 31.8383, 43.6620



33.2579, 31.8383, 39.3893



31.8684, 31.8383, 27.0000



27.4504, 31.8383, 30.3372

Rectangle

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



28.7093, 31.8383, 43.6620



31.4859, 31.8383, 44.2423



31.8684, 31.8383, 27.0000



29.0689, 31.8383, 26.5829

Sweetspot

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



28.7103, 31.8396, 43.6627



64.9932, 69.4678, 80.7889



29.0469, 36.2866, 32.1408



14.0231, 15.0073, 17.5453



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.



28.7103, 31.8396, 43.6627



48.7955, 54.6560, 78.7836



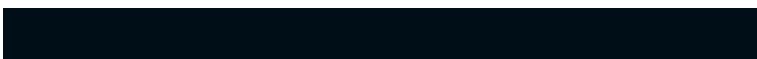
25.4995, 25.4181, 42.5925



7.9921, 8.5835, 10.1883



9.7905, 10.7149, 30.5967



0.3215, 0.3964, 0.8676

Inverse Universe

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



31.0825, 27.1711, 35.5060



53.8801, 45.0438, 61.2122



34.6249, 37.5465, 26.5422



8.2138, 8.0988, 9.4367



14.8054, 7.3847, 11.8868



0.4367, 0.2154, 0.4614

Previews

White Background



This preview shows how the XYZ color 28.7093, 31.8383, 43.6620 looks on a white background.

Color Contrast Check

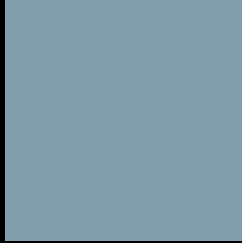
Large Text (above 18pt) WCAG AA × Fail

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 28.7093, 31.8383, 43.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

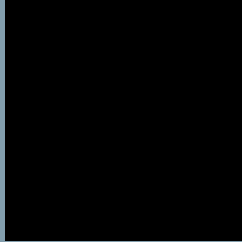
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7093, 31.8383, 43.6620

Background



This preview shows how black text looks on a background with the XYZ color 28.7093, 31.8383, 43.6620.



This preview shows how white text looks on a background with the XYZ color 28.7093, 31.8383,

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

28.7093, 31.8383, 43.6620

Protanopia

31.1522, 31.9004, 42.0516

Deuteranopia

32.4880, 31.8200, 44.4740



Tritanopia

28.5186, 31.7620, 42.6578

Trichromacy



Original Color

28.7093, 31.8383, 43.6620

Protanomaly

30.1390, 31.8531, 42.5900

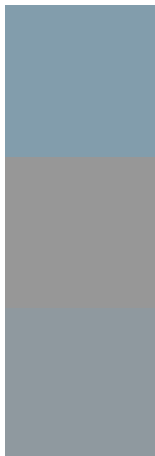
Deuteranomaly

30.9838, 31.7695, 44.0343

Tritanomaly

28.6136, 31.8000, 43.1580

Monochromacy



Original Color

28.7093, 31.8383, 43.6620

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9769, 31.1253, 37.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7093, 31.8383, 43.6620 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(130, 157, 172)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 157, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 157, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.7093, 31.8383, 43.6620 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(130, 157, 172) }
```


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

```
.border{ border-color:rgb(130, 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(130, 157, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 157, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 157, 172);  
box-shadow:4px 4px 4px 4px rgb(130, 157,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7093, 31.8383, 43.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 157, 172) }
```

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

```
.background{ background-color: rgb(130,  
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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