

Converting Colors

XYZ(29.0256, 31.9963, 44.1076)

Have a look what the booklet for
XYZ(29.0256, 31.9963, 44.1076)
contains.

XYZ(28.9599, 31.9564, 44.1770)	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(28.9599, 31.9564,
44.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	839DAD
RGB	131, 157, 173
RGB Percent	51%, 62%, 68%
CMY	0.4863, 0.3843, 0.3216
CMYK	0.24, 0.09, 0.00, 0.32
HSL	203°, 20%, 60%
HSV	203°, 24%, 68%
XYZ	28.9599, 31.9564, 44.1770
YIQ	151.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

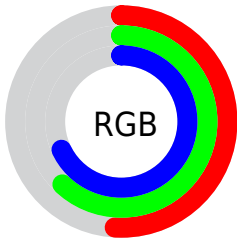
Format	Color
RYB	131, 147, 173
Decimal	8625581
CIELab	63.31, -5.39, -11.33
CIELCh	63, 12.542, 244.558
Yxy	31.9564, 0.2756, 0.3041
Android (android.graphics.Color)	4286815661 (0xFF839DAD)
YUV	151.0500, 10.8214, -17.5838
Hunter-Lab	56.5300, -7.4832, -6.7629

Details

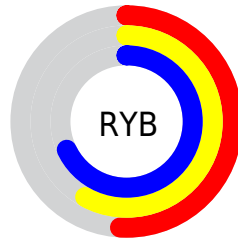
The XYZ color **28.9599, 31.9564, 44.1770** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7644, 31.3905, 25.8583**, and the grayscale version is **29.3991, 30.9301, 33.6829**.

A 20% lighter version of the original color is **57.5547, 63.0027, 82.5261**, and **11.9986, 13.4379, 20.0505** is the 20% darker color. If you saturate the color by 10%, you get **25.4161, 28.5195, 43.7009**, and if you desaturate by 10%, it is **33.0132, 35.7468, 44.6955**.

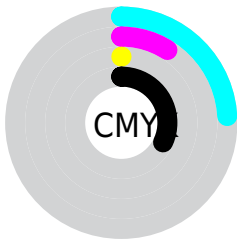
Distribution



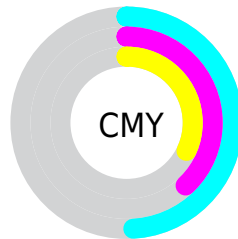
- Red (51%)
- Green (62%)
- Blue (68%)



- Red (51%)
- Yellow (58%)
- Blue (68%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9599, 31.9564, 44.1770 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 28.9599, 31.9564, 44.1770 by changing the saturation by 10% instead.

■ 28.9599, 31.9564,
44.1770

■ 28.9599, 31.9564,
44.1770

289.0233,
310.9206, 379.4926

■ 19.1946, 21.3282,
30.4715

■ 57.4114, 62.7427,
82.7893

■ 11.9158, 13.3641,
19.9416

■ 76.8283, 83.6697,
108.5332

■ 6.7582, 7.6798,
12.1690

■ 100.1931,
108.7983, 139.1270

■ 3.3563, 3.8907,
6.7349

127.8712,
138.5130, 174.9891

■ 1.3449, 1.6126,
3.2210

160.2279,
173.1982, 216.5382

■ 0.2164, 0.3661,
1.2085

197.6286,

■ 0.0000, 0.0000,

213.2382, 264.1928

0.0000

240.4386,
259.0176, 318.3714

■ 28.9599, 31.9564,
44.1770

■ 28.9599, 31.9564,
44.1770

■ 25.4161, 28.5195,
43.7009

■ 33.0132, 35.7468,
44.6955

■ 22.3558, 25.4190,
43.2638

■ 37.5946, 39.8993,
45.2556

■ 19.7548, 22.6417,
42.8648

■ 42.7254, 44.4270,
45.8591

■ 17.5857, 20.1721,
42.5024

■ 48.4248, 49.3411,
46.5072

■ 15.8178, 17.9928,
42.1749

■ 54.7110, 54.6522,
47.2010

■ 14.4158, 16.0841,
41.8804

■ 61.6012, 60.3706,
47.9416

■ 13.3377, 14.4227,
41.6166

■ 69.1121, 66.5059,
48.7300

■ 12.8114, 13.5541,
41.4766

■ 71.7608, 70.2329,
49.3098

■ 73.4186, 73.5485,
49.8624

Harmonies

Analogous

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



27.7027, 31.9564, 40.5136



28.9599, 31.9564, 44.1770



30.6400, 31.9564, 45.2386

Triad

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



28.9599, 31.9564, 44.1770



33.8296, 31.9564, 34.0398



28.5164, 31.9564, 27.4906

Complementary

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



28.9599, 31.9564, 44.1770



31.7644, 31.3905, 25.8583

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.



30.1087, 31.9564, 26.0969



28.9599, 31.9564, 44.1770



33.2109, 31.9564, 29.6417

Square

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



28.9599, 31.9564, 44.1770



33.4937, 31.9564, 39.0725



31.8326, 31.9564, 26.8454



27.4536, 31.9564, 30.8418

Rectangle

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



28.9599, 31.9564, 44.1770



31.7844, 31.9564, 44.2503



31.8326, 31.9564, 26.8454



29.0052, 31.9564, 26.7929

Sweetspot

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



28.9609, 31.9577, 44.1777



64.8959, 69.2732, 80.7564



29.5238, 36.8009, 32.9055



14.0003, 14.9617, 17.5377



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.



28.9609, 31.9577, 44.1777



48.4358, 53.9367, 78.6637



25.7925, 25.6210, 43.1216



7.9762, 8.5517, 10.1830



9.4682, 10.0702, 30.4892



0.3140, 0.3814, 0.8650

Inverse Universe

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



31.4365, 27.5520, 35.5609



53.6985, 44.9711, 60.2562



35.2230, 38.3078, 27.0112



8.2058, 8.0956, 9.3944



14.6427, 7.3196, 11.0300



0.4329, 0.2138, 0.4414

Previews

White Background



This preview shows how the XYZ color 28.9599, 31.9564, 44.1770 looks on a white background.

Color Contrast Check

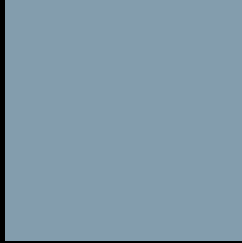
Large Text (above 18pt) WCAG AA × Fail

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 28.9599, 31.9564, 44.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

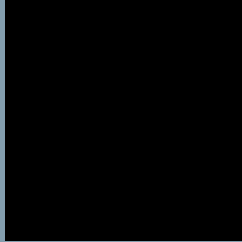
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

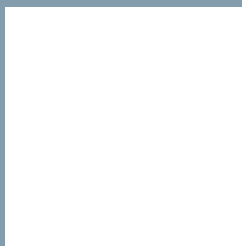
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9599, 31.9564, 44.1770

Background



This preview shows how black text looks on a background with the XYZ color 28.9599, 31.9564, 44.1770.



This preview shows how white text looks on a background with the XYZ color 28.9599, 31.9564,

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

28.9599, 31.9564, 44.1770

Protanopia

31.2464, 31.9381, 42.5480

Deuteranopia

32.5859, 31.8591, 44.9894



Tritanopia

28.5186, 31.7620, 42.6578

Trichromacy



Original Color

28.9599, 31.9564, 44.1770

Protanomaly

30.4079, 31.9808, 43.0983

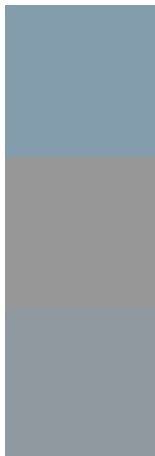
Deuteranomaly

31.0810, 31.8084, 44.5459

Tritanomaly

28.6136, 31.8000, 43.1580

Monochromacy



Original Color

28.9599, 31.9564, 44.1770

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1508, 31.2150, 37.2896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9599, 31.9564, 44.1770 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(131, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 173)  
}
```

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(131, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 173) }
```

Border

The CSS property to change the border of an element to XYZ 28.9599, 31.9564, 44.1770 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(131, 157, 173) }
```


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

```
.border{ border-color:rgb(131, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9599, 31.9564, 44.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 173) }
```

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

```
.background{ background-color: rgb(131,  
157, 173) }
```

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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