

Converting Colors

XYZ(28.5555, 31.6707, 40.9367)

Have a look what the booklet for
XYZ(28.5555, 31.6707, 40.9367)
contains.

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Color

**XYZ(28.5364, 31.5535,
41.1456)**

Conversions

Conversions Part 1

Format	Color
Hex	859CA7
RGB	133, 156, 167
RGB Percent	52%, 61%, 65%
CMY	0.4784, 0.3882, 0.3451
CMYK	0.20, 0.07, 0.00, 0.35
HSL	199°, 16%, 59%
HSV	199°, 20%, 65%
XYZ	28.5364, 31.5535, 41.1456
YIQ	150.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

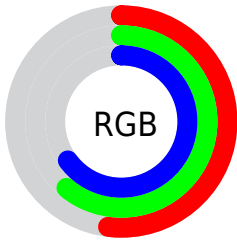
Format	Color
RYB	133, 147, 167
Decimal	8756391
CIELab	62.97, -5.59, -8.44
CIElCh	63, 10.121, 236.452
Yxy	31.5535, 0.2819, 0.3117
Android (android.graphics.Color)	4286946471 (0xFF859CA7)
YUV	150.3770, 8.1951, -15.2396
Hunter-Lab	56.1725, -7.6214, -4.1084

Details

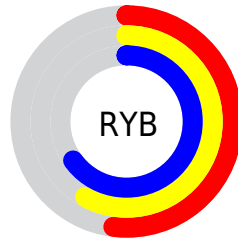
The XYZ color **28.5364, 31.5535, 41.1456** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1436, 29.8556, 26.3650**, and the grayscale version is **29.1218, 30.6384, 33.3652**.

A 20% lighter version of the original color is **56.7249, 61.9319, 78.0716**, and **11.7134, 13.1800, 18.1463** is the 20% darker color. If you saturate the color by 10%, you get **25.2203, 28.5289, 40.7371**, and if you desaturate by 10%, it is **32.3139, 34.8775, 41.5886**.

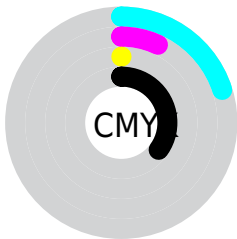
Distribution



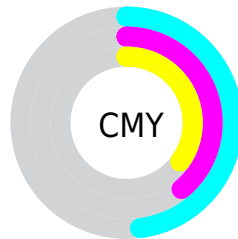
- Red (52%)
- Green (61%)
- Blue (65%)



- Red (52%)
- Yellow (58%)
- Blue (65%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5364, 31.5535, 41.1456 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 28.5364, 31.5535, 41.1456 by changing the saturation by 10% instead.

■ 28.5364, 31.5535,
41.1456

■ 28.5364, 31.5535,
41.1456

287.0551,
309.0802, 366.6234

■ 18.8729, 21.0207,
28.1123

■ 56.7424, 62.1105,
78.1609

■ 11.6819, 13.1391,
18.1706

■ 76.0156, 82.9034,
102.9801

■ 6.5981, 7.5244,
10.9018

■ 99.2227, 107.8852,
132.5649

■ 3.2562, 3.7922,
5.8875

126.7292,
137.4401, 167.3340

■ 1.2906, 1.5580,
2.7091

158.9003,
171.9528, 207.7058

■ 0.1762, 0.3290,
0.9480

196.1014,

■ 0.0000, 0.0000,

211.8074, 254.0990

0.0000

238.6979,
257.3884, 306.9320

■ 28.5364, 31.5535,
41.1456

■ 28.5364, 31.5535,
41.1456

■ 25.2203, 28.5289,
40.7371

■ 32.3139, 34.8775,
41.5886

■ 22.3426, 25.7885,
40.3598

■ 36.5689, 38.5075,
42.0650

■ 19.8822, 23.3215,
40.0133

■ 41.3203, 42.4547,
42.5765

■ 17.8153, 21.1150,
39.6963

■ 46.5850, 46.7286,
43.1239

■ 16.1154, 19.1543,
39.4075

■ 52.3790, 51.3381,
43.7083

■ 14.7525, 17.4231,
39.1452

■ 58.7177, 56.2920,
44.3304

■ 13.6913, 15.9025,
38.9076

■ 65.6158, 61.5984,
44.9911

■ 12.8781, 14.5960,
38.6983

■ 68.6891, 64.9980,
45.4853

■ 69.9560, 67.5318,
45.9076

Harmonies

Analogous

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



27.6587, 31.5535, 37.8836



28.5364, 31.5535, 41.1456



29.8254, 31.5535, 42.5848

Triad

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



28.5364, 31.5535, 41.1456



32.7408, 31.5535, 34.8327



28.8147, 31.5535, 27.9433

Complementary

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



28.5364, 31.5535, 41.1456



30.1436, 29.8556, 26.3650

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.



30.1565, 31.5535, 27.2627



28.5364, 31.5535, 41.1456



32.4501, 31.5535, 31.0552

Square

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



28.5364, 31.5535, 41.1456



32.2760, 31.5535, 38.7668



31.4935, 31.5535, 28.3584



27.8158, 31.5535, 30.2939

Rectangle

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



28.5364, 31.5535, 41.1456



30.7547, 31.5535, 42.2407



31.4935, 31.5535, 28.3584



29.2393, 31.5535, 27.5198

Sweetspot

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



28.5373, 31.5548, 41.1463



61.0034, 65.1571, 74.8366



28.5084, 34.6311, 31.4747



13.5472, 14.4918, 16.7353



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.5373, 31.5548, 41.1463



48.5893, 54.2400, 73.3837



25.9150, 26.3102, 40.2722



7.5399, 8.1168, 9.5876



9.9002, 11.2605, 29.6272



0.2842, 0.3607, 0.7353

Inverse Universe

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



30.3254, 27.3916, 35.1427



52.3638, 45.6929, 60.6561



32.8747, 35.3178, 27.2754



7.7371, 7.6247, 8.9329



14.4977, 7.2078, 12.6985



0.3746, 0.1841, 0.4242

Previews

White Background



This preview shows how the XYZ color 28.5364, 31.5535, 41.1456 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 28.5364, 31.5535, 41.1456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

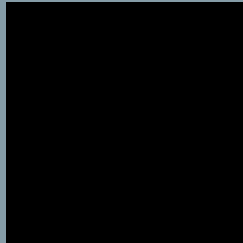
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

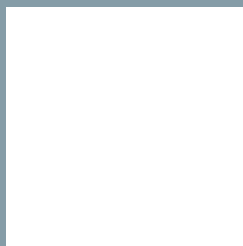
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5364, 31.5535, 41.1456

Background



This preview shows how black text looks on a background with the XYZ color 28.5364, 31.5535, 41.1456.

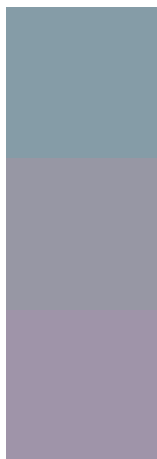


This preview shows how white text looks on a background with the XYZ color 28.5364, 31.5535,

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

28.5364, 31.5535, 41.1456

Protanopia

30.5299, 31.3929, 39.5723

Deuteranopia

32.0494, 31.4153, 41.9107



Tritanopia

28.6292, 31.5906, 41.6345

Trichromacy



Original Color

28.5364, 31.5535, 41.1456

Protanomaly

29.6844, 31.4284, 40.0991

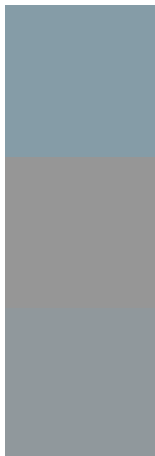
Deuteranomaly

30.7122, 31.4444, 41.4965

Tritanomaly

28.6292, 31.5906, 41.6345

Monochromacy



Original Color

28.5364, 31.5535, 41.1456

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7306, 30.7861, 35.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5364, 31.5535, 41.1456 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(133, 156, 167)` looks like.

```
.text, #text, p{  
    color:rgb(133, 156, 167)  
}
```

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(133, 156, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 156, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.5364, 31.5535, 41.1456 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(133, 156, 167) }
```


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

```
.border{ border-color:rgb(133, 156, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 156, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 156, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 156, 167);  
box-shadow:4px 4px 4px 4px rgb(133, 156,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5364, 31.5535, 41.1456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 156, 167) }
```

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

```
.background{ background-color: rgb(133,  
156, 167) }
```

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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