

Converting Colors

XYZ(28.4023, 32.4582, 41.4862)

Have a look what the booklet for
XYZ(28.4023, 32.4582, 41.4862)
contains.

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Color

**XYZ(28.4479, 32.5208,
41.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	80A0A7
RGB	128, 160, 167
RGB Percent	50%, 63%, 65%
CMY	0.4980, 0.3725, 0.3451
CMYK	0.23, 0.04, 0.00, 0.35
HSL	191°, 18%, 58%
HSV	191°, 23%, 65%
XYZ	28.4479, 32.5208, 41.3370
YIQ	151.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

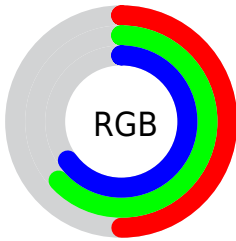
Format	Color
RYB	128, 146, 167
Decimal	8429735
CIELab	63.77, -9.38, -7.28
CIElCh	64, 11.877, 217.813
Yxy	32.5208, 0.2781, 0.3179
Android (android.graphics.Color)	4286619815 (0xFF80A0A7)
YUV	151.2300, 7.7746, -20.3727
Hunter-Lab	57.0270, -10.7526, -3.0585

Details

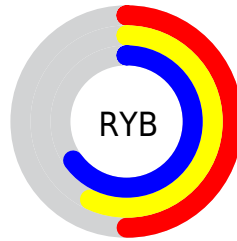
The XYZ color **28.4479, 32.5208, 41.3370** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.4969, 27.1020, 24.1519**, and the grayscale version is **29.4889, 31.0246, 33.7858**.

A 20% lighter version of the original color is **56.7767, 63.8199, 78.4333**, and **11.7050, 13.7948, 18.2654** is the 20% darker color. If you saturate the color by 10%, you get **25.6268, 30.3054, 41.0586**, and if you desaturate by 10%, it is **31.6969, 34.9771, 41.6404**.

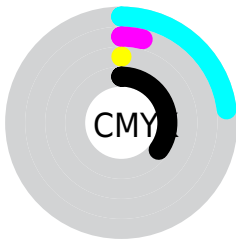
Distribution



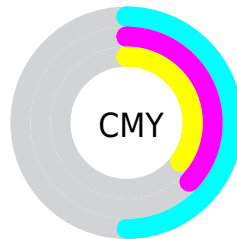
- Red (50%)
- Green (63%)
- Blue (65%)



- Red (50%)
- Yellow (57%)
- Blue (65%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4479, 32.5208, 41.3370 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 28.4479, 32.5208, 41.3370 by changing the saturation by 10% instead.

■ 28.4479, 32.5208,
41.3370

■ 28.4479, 32.5208,
41.3370

286.6424,
313.4849, 367.4454

■ 18.8057, 21.7596,
28.2608

■ 56.6024, 63.6267,
78.4544

■ 11.6332, 13.6804,
18.2816

■ 75.8455, 84.7401,
103.3328

■ 6.5648, 7.8987,
10.9808

■ 99.0195, 110.0731,
132.9822

■ 3.2354, 4.0302,
5.9399

126.4900,
140.0100, 167.8214

■ 1.2794, 1.6905,
2.7404

158.6221,
174.9352, 208.2687

■ 0.1677, 0.4175,
0.9637

195.7813,

■ 0.0000, 0.0000,

215.2332, 254.7428

0.0000

238.3330,
261.2883, 307.6622

■ 28.4479, 32.5208,
41.3370

■ 28.4479, 32.5208,
41.3370

■ 25.6268, 30.3054,
41.0586

■ 31.6969, 34.9771,
41.6404

■ 23.2104, 28.3162,
40.8020

■ 35.3898, 37.6801,
41.9675

■ 21.1777, 26.5432,
40.5669

■ 39.5453, 40.6404,
42.3199

■ 19.5046, 24.9737,
40.3522

■ 44.1803, 43.8669,
42.6984

■ 18.1640, 23.5937,
40.1565

■ 49.3105, 47.3678,
43.1037

■ 17.1251, 22.3872,
39.9783

■ 54.9513, 51.1511,
43.5367

■ 16.3511, 21.3350,
39.8160

■ 61.1170, 55.2244,
43.9979

■ 15.9258, 20.6914,
39.7142

■ 65.3506, 58.3210,
44.3725

■ 65.9797, 59.5791,
44.5822

Harmonies

Analogous

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



27.8439, 32.5208, 36.6715



28.4479, 32.5208, 41.3370



29.7161, 32.5208, 44.6015

Triad

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



28.4479, 32.5208, 41.3370



33.9720, 32.5208, 38.9881



30.4766, 32.5208, 27.0765

Complementary

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



28.4479, 32.5208, 41.3370



28.4969, 27.1020, 24.1519

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.



32.1355, 32.5208, 27.5763



28.4479, 32.5208, 41.3370



34.1934, 32.5208, 34.1771

Square

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



28.4479, 32.5208, 41.3370



32.9158, 32.5208, 43.1627



33.5103, 32.5208, 30.0778



28.9875, 32.5208, 28.6454

Rectangle

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



28.4479, 32.5208, 41.3370



30.7880, 32.5208, 45.3905



33.5103, 32.5208, 30.0778



31.0324, 32.5208, 27.0109

Sweetspot

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



28.4489, 32.5221, 41.3377



60.7884, 65.6015, 74.9337



27.0594, 33.9624, 27.8673



13.5192, 14.6190, 16.7613



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.



28.4489, 32.5221, 41.3377



48.2514, 56.1459, 73.7694



25.4026, 26.4296, 40.3223



7.6314, 8.2997, 9.6181



12.2188, 15.8977, 30.4001



0.3263, 0.4448, 0.7493

Inverse Universe

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



30.0014, 26.1926, 36.7336



51.5631, 42.9599, 63.8779



31.3888, 32.8858, 25.1159



7.7833, 7.6432, 9.1760



15.6681, 7.6759, 18.8614



0.3958, 0.1926, 0.5360

Previews

White Background



This preview shows how the XYZ color 28.4479, 32.5208, 41.3370 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 28.4479, 32.5208, 41.3370 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

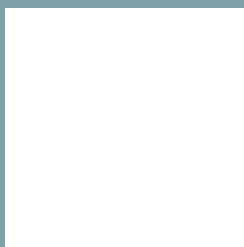
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4479, 32.5208, 41.3370

Background



This preview shows how black text looks on a background with the XYZ color 28.4479, 32.5208, 41.3370.



This preview shows how white text looks on a background with the XYZ color 28.4479, 32.5208,

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

28.4479, 32.5208, 41.3370

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

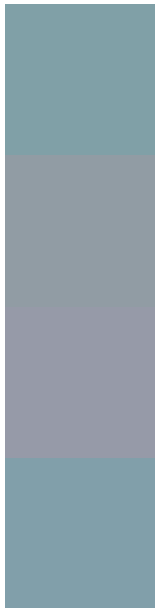
32.9681, 32.3586, 42.0444



Tritanopia

28.8978, 32.4420, 43.7686

Trichromacy



Original Color

28.4479, 32.5208, 41.3370

Protanomaly

30.2664, 32.4770, 39.7954

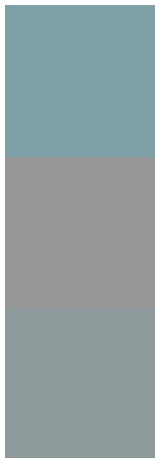
Deuteranomaly

31.2012, 32.4224, 41.6595

Tritanomaly

28.7071, 32.3657, 42.7644

Monochromacy



Original Color

28.4479, 32.5208, 41.3370

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9691, 31.3852, 36.4294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4479, 32.5208, 41.3370 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(128, 160, 167)` looks like.

```
.text, #text, p{  
    color:rgb(128, 160, 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(128, 160, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.4479, 32.5208, 41.3370 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(128, 160, 167) }
```


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

```
.border{ border-color:rgb(128, 160, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 160, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 167);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4479, 32.5208, 41.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 160, 167) }
```

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

```
.background{ background-color: rgb(128,  
160, 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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