

Converting Colors

XYZ(28.4531, 32.2576, 42.5468)

Have a look what the booklet for
XYZ(28.4531, 32.2576, 42.5468)
contains.

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Color

**XYZ(28.5559, 32.2877,
42.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	809FAA
RGB	128, 159, 170
RGB Percent	50%, 62%, 67%
CMY	0.4980, 0.3765, 0.3333
CMYK	0.25, 0.06, 0.00, 0.33
HSL	196°, 20%, 58%
HSV	196°, 25%, 67%
XYZ	28.5559, 32.2877, 42.7573
YIQ	150.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

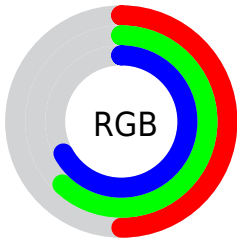
Format	Color
RYB	128, 146, 170
Decimal	8429482
CIELab	63.58, -8.14, -9.25
CIELCh	64, 12.321, 228.666
Yxy	32.2877, 0.2756, 0.3117
Android (android.graphics.Color)	4286619562 (0xFF809FAA)
YUV	150.9850, 9.3744, -20.1578
Hunter-Lab	56.8223, -9.7342, -4.8386

Details

The XYZ color **28.5559, 32.2877, 42.7573** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.7068, 28.5700, 24.3716**, and the grayscale version is **29.3776, 30.9076, 33.6583**.

A 20% lighter version of the original color is **56.9286, 63.4745, 80.4855**, and **11.7745, 13.6528, 19.1542** is the 20% darker color. If you saturate the color by 10%, you get **25.4584, 29.5756, 42.3976**, and if you desaturate by 10%, it is **32.1113, 35.2784, 43.1477**.

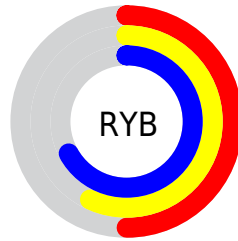
Distribution



Red (50%)

Green (62%)

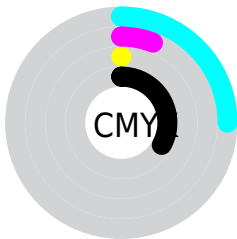
Blue (67%)



Red (50%)

Yellow (57%)

Blue (67%)

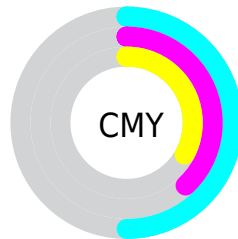


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5559, 32.2877, 42.7573 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 28.5559, 32.2877, 42.7573 by changing the saturation by 10% instead.

■ 28.5559, 32.2877,
42.7573

■ 28.5559, 32.2877,
42.7573

287.1459,
312.4277, 373.5046

■ 18.8877, 21.5813,
29.3647

■ 56.7732, 63.2618,
80.6269

■ 11.6927, 13.5496,
19.1090

■ 76.0530, 84.2984,
105.9410

■ 6.6055, 7.8081,
11.5714

■ 99.2675, 109.5472,
136.0661

■ 3.2607, 3.9724,
6.3336

126.7818,
139.3925, 171.4207

■ 1.2931, 1.6581,
2.9769

158.9615,
174.2189, 212.4233

■ 0.1781, 0.3963,
1.0829

196.1718,

■ 0.0000, 0.0000,

214.4106, 259.4924

0.0000

238.7782,
260.3521, 313.0467

■ 28.5559, 32.2877,
42.7573

■ 28.5559, 32.2877,
42.7573

■ 25.4584, 29.5756,
42.3976

■ 32.1113, 35.2784,
43.1477

■ 22.7943, 27.1266,
42.0653

■ 36.1419, 38.5547,
43.5677

■ 20.5412, 24.9296,
41.7600

■ 40.6675, 42.1279,
44.0188

■ 18.6732, 22.9707,
41.4803

■ 45.7060, 46.0076,
44.5021

■ 17.1615, 21.2347,
41.2249

■ 51.2742, 50.2031,
45.0185

■ 15.9729, 19.7040,
40.9921

■ 57.3884, 54.7229,
45.5686

■ 15.0669, 18.3573,
40.7799

■ 64.0638, 59.5754,
46.1534

■ 14.6508, 17.6924,
40.6735

■ 67.9251, 63.0210,
46.6150

■ 68.9350, 65.0407,
46.9516

Harmonies

Analogous

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



27.6610, 32.2877, 38.2749



28.5559, 32.2877, 42.7573



30.0432, 32.2877, 45.2833

Triad

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



28.5559, 32.2877, 42.7573



34.0464, 32.2877, 37.0500



29.6422, 32.2877, 26.9251

Complementary

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



28.5559, 32.2877, 42.7573



29.7068, 28.5700, 24.3716

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.



31.3430, 32.2877, 26.6635



28.5559, 32.2877, 42.7573



33.9292, 32.2877, 32.2110

Square

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



28.5559, 32.2877, 42.7573



33.2391, 32.2877, 41.7889



32.9247, 32.2877, 28.5133



28.2718, 32.2877, 29.2646

Rectangle

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



28.5559, 32.2877, 42.7573



31.1895, 32.2877, 45.3740



32.9247, 32.2877, 28.5133



30.1929, 32.2877, 26.5999

Sweetspot

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



28.5569, 32.2890, 42.7580



63.7227, 68.4642, 78.8582



27.9012, 35.1888, 29.5572



14.1147, 15.1906, 17.5758



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.



28.5569, 32.2890, 42.7580



48.4322, 55.6501, 77.1908



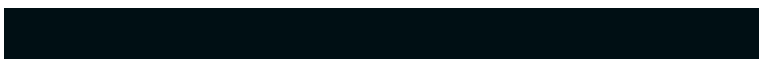
25.3188, 25.8130, 41.6787



7.5788, 8.1946, 9.6006



10.8242, 13.1086, 29.9352



0.3015, 0.3952, 0.7410

Inverse Universe

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



30.5555, 26.4884, 36.3046



52.7985, 43.4268, 62.9917



32.9587, 35.0738, 25.4556



7.7568, 7.6326, 9.0364



14.9642, 7.3944, 15.1547



0.3833, 0.1876, 0.4701

Previews

White Background



This preview shows how the XYZ color 28.5559, 32.2877, 42.7573 looks on a white background.

Color Contrast Check

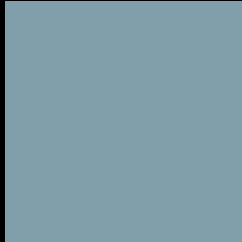
Large Text (above 18pt) WCAG AA × Fail

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 28.5559, 32.2877, 42.7573 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

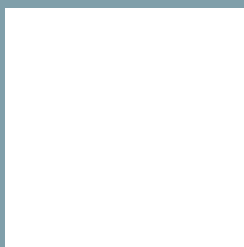
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5559, 32.2877, 42.7573

Background



This preview shows how black text looks on a background with the XYZ color 28.5559, 32.2877, 42.7573.



This preview shows how white text looks on a background with the XYZ color 28.5559, 32.2877,

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

28.5559, 32.2877, 42.7573

Protanopia

31.4110, 32.3079, 40.6569

Deuteranopia

32.8499, 32.2648, 43.5261



Tritanopia

28.6509, 32.3257, 43.2575

Trichromacy



Original Color

28.5559, 32.2877, 42.7573

Protanomaly

30.1980, 32.1620, 41.1755

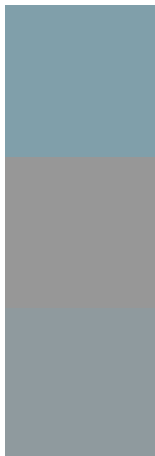
Deuteranomaly

30.9547, 32.0186, 43.0768

Tritanomaly

28.6509, 32.3257, 43.2575

Monochromacy



Original Color

28.5559, 32.2877, 42.7573

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0548, 31.4195, 36.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5559, 32.2877, 42.7573 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, 159, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 159, 170)  
}
```

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, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 159, 170) }
```

Border

The CSS property to change the border of an element to XYZ 28.5559, 32.2877, 42.7573 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, 159, 170) }
```


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

```
.border{ border-color:rgb(128, 159, 170) }
```

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

Here you see how a box with a 4 pixel rgb(128, 159, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 159,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5559, 32.2877, 42.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 159, 170) }
```

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

```
.background{ background-color: rgb(128,  
159, 170) }
```

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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