

Converting Colors

XYZ(28.8629, 32.1827, 40.6473)

Have a look what the booklet for
XYZ(28.8629, 32.1827, 40.6473)
contains.

XYZ(28.9413, 32.2752, 40.7808)	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(28.9413, 32.2752,
40.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	869EA6
RGB	134, 158, 166
RGB Percent	53%, 62%, 65%
CMY	0.4745, 0.3804, 0.3490
CMYK	0.19, 0.05, 0.00, 0.35
HSL	195°, 15%, 59%
HSV	195°, 19%, 65%
XYZ	28.9413, 32.2752, 40.7808
YIQ	151.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

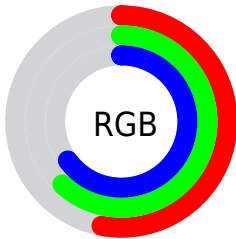
Format	Color
RYB	134, 148, 166
Decimal	8822438
CIELab	63.57, -6.59, -6.98
CIELCh	64, 9.599, 226.619
Yxy	32.2752, 0.2837, 0.3164
Android (android.graphics.Color)	4287012518 (0xFF869EA6)
YUV	151.7360, 7.0322, -15.5545
Hunter-Lab	56.8113, -8.4867, -2.7922

Details

The XYZ color **28.9413, 32.2752, 40.7808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7023, 29.1743, 26.6206**, and the grayscale version is **29.7079, 31.2550, 34.0367**.

A 20% lighter version of the original color is **57.5844, 63.5003, 77.6284**, and **11.9511, 13.6151, 17.9177** is the 20% darker color. If you saturate the color by 10%, you get **25.8048, 29.6261, 40.4353**, and if you desaturate by 10%, it is **32.5189, 35.1888, 41.1551**.

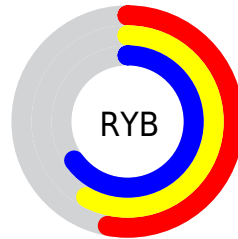
Distribution



Red (53%)

Green (62%)

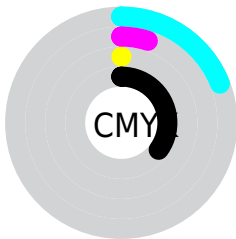
Blue (65%)



Red (53%)

Yellow (58%)

Blue (65%)

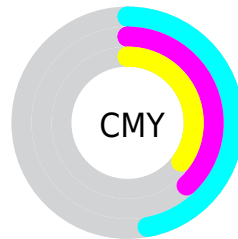


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9413, 32.2752, 40.7808 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 28.9413, 32.2752, 40.7808 by changing the saturation by 10% instead.

■ 28.9413, 32.2752,
40.7808

■ 28.9413, 32.2752,
40.7808

288.9371,
312.3710, 365.0531

■ 19.1805, 21.5718,
27.8294

■ 57.3820, 63.2423,
77.6011

■ 11.9055, 13.5426,
17.9592

■ 76.7926, 84.2747,
102.3071

■ 6.7511, 7.8032,
10.7516

■ 100.1505,
109.5190, 131.7684

■ 3.3519, 3.9693,
5.7880

127.8211,
139.3594, 166.4035

■ 1.3425, 1.6564,
2.6499

160.1697,
174.1804, 206.6310

■ 0.2147, 0.3952,
0.9180

197.5616,

■ 0.0000, 0.0000,

214.3664, 252.8694

0.0000

240.3623,
260.3018, 305.5373

■ 28.9413, 32.2752,
40.7808

■ 28.9413, 32.2752,
40.7808

■ 25.8048, 29.6261,
40.4353

■ 32.5189, 35.1888,
41.1551

■ 23.0870, 27.2272,
40.1155

■ 36.5532, 38.3728,
41.5571

■ 20.7679, 25.0685,
39.8211

■ 41.0621, 41.8377,
41.9882

■ 18.8243, 23.1379,
39.5509

■ 46.0621, 45.5922,
42.4494

■ 17.2307, 21.4219,
39.3036

■ 51.5687, 49.6447,
42.9414

■ 15.9585, 19.9051,
39.0779

■ 57.5967, 54.0031,
43.4649

■ 14.9738, 18.5699,
38.8721

■ 64.1602, 58.6750,
44.0208

■ 14.2078, 17.3804,
38.6829

■ 66.7965, 61.3601,
44.4001

■ 14.1549, 17.2969,
38.6696

■ 67.7154, 63.1980,
44.7064

Harmonies

Analogous

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



28.2741, 32.2752, 37.2945



28.9413, 32.2752, 40.7808



30.0844, 32.2752, 42.8181

Triad

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



28.9413, 32.2752, 40.7808



33.2512, 32.2752, 36.8771



29.9458, 32.2752, 28.5371

Complementary

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



28.9413, 32.2752, 40.7808



29.7023, 29.1743, 26.6206

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.



31.2766, 32.2752, 28.4433



28.9413, 32.2752, 40.7808



33.2115, 32.2752, 33.0744

Square

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



28.9413, 32.2752, 40.7808



32.5870, 32.2752, 40.4562



32.4799, 32.2752, 30.0489



28.8424, 32.2752, 30.3152

Rectangle

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



28.9413, 32.2752, 40.7808



30.9745, 32.2752, 42.9907



32.4799, 32.2752, 30.0489



30.3807, 32.2752, 28.3123

Sweetspot

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



28.9423, 32.2765, 40.7815



61.2440, 65.6383, 74.9168



28.3109, 34.2784, 30.5066



13.6063, 14.6101, 16.7550



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.



28.9423, 32.2765, 40.7815



50.0684, 56.5248, 73.7468



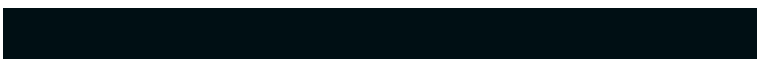
26.4676, 27.3273, 39.9567



7.5864, 8.2098, 9.6031



11.0146, 13.4894, 29.9987



0.3050, 0.4022, 0.7422

Inverse Universe

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



30.4233, 27.6265, 36.0782



53.2749, 46.6869, 63.5128



32.1656, 34.1010, 27.4417



7.7606, 7.6341, 9.0565



15.0603, 7.4328, 15.6608



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 28.9413, 32.2752, 40.7808 looks on a white background.

Color Contrast Check

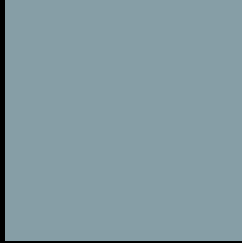
Large Text (above 18pt) WCAG AA × Fail

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 28.9413, 32.2752, 40.7808 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

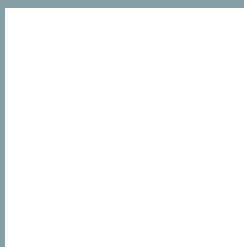
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9413, 32.2752, 40.7808

Background



This preview shows how black text looks on a background with the XYZ color 28.9413, 32.2752, 40.7808.



This preview shows how white text looks on a background with the XYZ color 28.9413, 32.2752,

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

28.9413, 32.2752, 40.7808

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

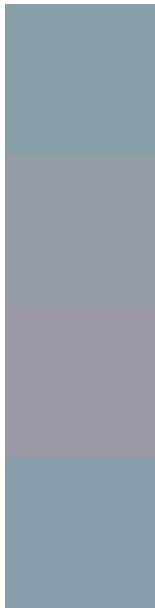
32.7156, 32.0034, 41.4988



Tritanopia

29.3043, 32.1671, 42.6946

Trichromacy



Original Color

28.9413, 32.2752, 40.7808

Protanomaly

30.4548, 32.3261, 39.7564

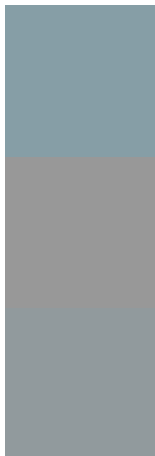
Deuteranomaly

31.1522, 31.9219, 41.0789

Tritanomaly

29.2101, 32.1294, 42.1982

Monochromacy



Original Color

28.9413, 32.2752, 40.7808

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3185, 31.5653, 36.4457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9413, 32.2752, 40.7808 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(134, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(134, 158, 166)  
}
```

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(134, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.9413, 32.2752, 40.7808 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(134, 158, 166) }
```


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

```
.border{ border-color:rgb(134, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(134, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9413, 32.2752, 40.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 158, 166) }
```

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

```
.background{ background-color: rgb(134,  
158, 166) }
```

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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