

Converting Colors

XYZ(28.3635, 32.0023, 38.2054)

Have a look what the booklet for
XYZ(28.3635, 32.0023, 38.2054)
contains.

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Color

**XYZ(28.4914, 32.0953,
38.4116)**

Conversions

Conversions Part 1

Format	Color
Hex	869EA1
RGB	134, 158, 161
RGB Percent	53%, 62%, 63%
CMY	0.4745, 0.3804, 0.3686
CMYK	0.17, 0.02, 0.00, 0.37
HSL	187°, 13%, 58%
HSV	187°, 17%, 63%
XYZ	28.4914, 32.0953, 38.4116
YIQ	151.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

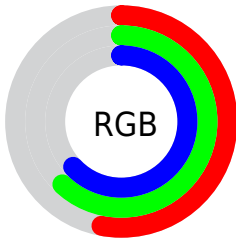
Format	Color
RYB	134, 147, 161
Decimal	8822433
CIELab	63.42, -7.71, -4.38
CIELCh	63, 8.867, 209.635
Yxy	32.0953, 0.2878, 0.3242
Android (android.graphics.Color)	4287012513 (0xFF869EA1)
YUV	151.1660, 4.8482, -15.0546
Hunter-Lab	56.6527, -9.3722, -0.5428

Details

The XYZ color **28.4914, 32.0953, 38.4116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.9469, 27.1895, 26.3299**, and the grayscale version is **29.4718, 31.0066, 33.7662**.

A 20% lighter version of the original color is **56.9280, 63.2377, 74.1714**, and **11.7283, 13.5260, 16.7445** is the 20% darker color. If you saturate the color by 10%, you get **25.8157, 30.2674, 38.2003**, and if you desaturate by 10%, it is **31.5641, 34.1361, 38.6441**.

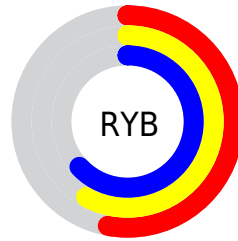
Distribution



Red (53%)

Green (62%)

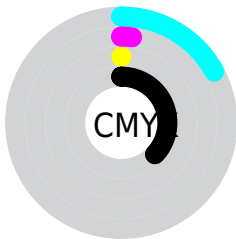
Blue (63%)



Red (53%)

Yellow (58%)

Blue (63%)

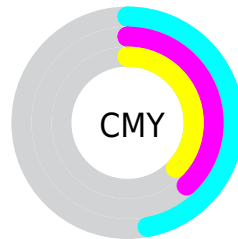


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4914, 32.0953, 38.4116 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 28.4914, 32.0953, 38.4116 by changing the saturation by 10% instead.

■ 28.4914, 32.0953,
38.4116

■ 28.4914, 32.0953,
38.4116

286.8453,
311.5531, 354.7333

■ 18.8388, 21.4343,
25.9980

■ 56.6712, 62.9605,
73.9490

■ 11.6571, 13.4418,
16.5964

■ 75.9291, 83.9334,
97.9098

■ 6.5812, 7.7335,
9.7882

■ 99.1194, 109.1125,
126.5569

■ 3.2456, 3.9249,
5.1550

126.6075,
138.8820, 160.3086

■ 1.2849, 1.6316,
2.2782

158.7589,
173.6265, 199.5836

■ 0.1719, 0.3788,
0.7190

195.9387,

■ 0.0000, 0.0000,

213.7302, 244.8003

0.0000

238.5124,
259.5776, 296.3774

■ 28.4914, 32.0953,
38.4116

■ 28.4914, 32.0953,
38.4116

■ 25.8157, 30.2674,
38.2003

■ 31.5641, 34.1361,
38.6441

■ 23.5166, 28.6393,
38.0072

■ 35.0475, 36.3945,
38.8964

■ 21.5760, 27.2026,
37.8322

■ 38.9582, 38.8797,
39.1700

■ 19.9733, 25.9466,
37.6743

■ 43.3108, 41.5994,
39.4655

■ 18.6857, 24.8595,
37.5323

■ 48.1194, 44.5609,
39.7837

■ 17.6876, 23.9282,
37.4051

■ 53.3974, 47.7711,
40.1252

■ 16.9494, 23.1371,
37.2913

■ 59.1577, 51.2367,
40.4905

■ 16.4266, 22.4636,
37.1889

■ 62.4835, 53.4540,
40.7432

■ 16.2745, 22.2560,
37.1568

■ 62.8268, 54.1406,
40.8576

Harmonies

Analogous

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



28.1962, 32.0953, 34.9031



28.4914, 32.0953, 38.4116



29.3230, 32.0953, 41.1368

Triad

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



28.4914, 32.0953, 38.4116



32.5968, 32.0953, 38.4914



30.5207, 32.0953, 28.5881

Complementary

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



28.4914, 32.0953, 38.4116



27.9469, 27.1895, 26.3299

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.



31.7196, 32.0953, 29.4103



28.4914, 32.0953, 38.4116



32.9378, 32.0953, 34.9896

Square

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



28.4914, 32.0953, 38.4116



31.6927, 32.0953, 41.1850



32.6126, 32.0953, 31.6960



29.3485, 32.0953, 29.3718

Rectangle

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



28.4914, 32.0953, 38.4116



30.0811, 32.0953, 42.0583



32.6126, 32.0953, 31.6960



30.9341, 32.0953, 28.6850

Sweetspot

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



28.4923, 32.0966, 38.4123



57.5212, 61.7841, 69.2804



27.0708, 32.3562, 28.3734



12.5293, 13.4940, 15.1879



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.4923, 32.0966, 38.4123



49.2182, 56.2577, 68.6513



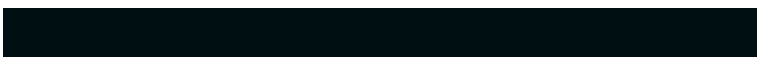
26.3599, 27.8318, 37.7015



7.2087, 7.8763, 9.0434



13.0162, 17.8117, 29.6818



0.2913, 0.4099, 0.6296

Inverse Universe

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



29.3953, 27.0965, 36.0302



51.1469, 45.6916, 63.5381



29.9399, 31.1754, 26.9942



7.3303, 7.1886, 8.7257



15.7154, 7.6422, 21.4898



0.3392, 0.1642, 0.4989

Previews

White Background



This preview shows how the XYZ color 28.4914, 32.0953, 38.4116 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 28.4914, 32.0953, 38.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

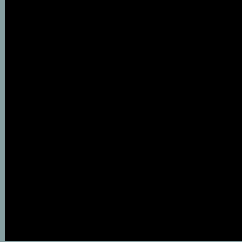
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

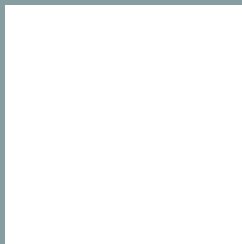
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4914, 32.0953, 38.4116

Background



This preview shows how black text looks on a background with the XYZ color 28.4914, 32.0953, 38.4116.



This preview shows how white text looks on a background with the XYZ color 28.4914, 32.0953,

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

28.4914, 32.0953, 38.4116

Protanopia

30.9174, 31.8937, 36.8743

Deuteranopia

32.6681, 32.0317, 39.1113



Tritanopia

29.3717, 32.2128, 42.2057

Trichromacy



Original Color

28.4914, 32.0953, 38.4116

Protanomaly

29.8462, 31.8174, 37.3692

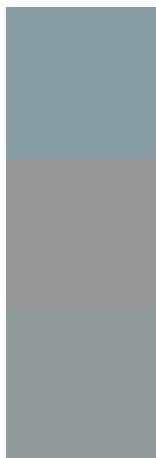
Deuteranomaly

30.8867, 31.8374, 38.6998

Tritanomaly

28.9316, 32.0180, 40.7316

Monochromacy



Original Color

28.4914, 32.0953, 38.4116

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1490, 31.4975, 35.5537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4914, 32.0953, 38.4116 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(134, 158, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 158, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.4914, 32.0953, 38.4116 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, 161) }
```


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

```
.border{ border-color:rgb(134, 158, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 158, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 158, 161);  
box-shadow:4px 4px 4px 4px rgb(134, 158,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4914, 32.0953, 38.4116 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, 161) }
```

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

```
.background{ background-color: rgb(134,  
158, 161) }
```

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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