

Converting Colors

XYZ(28.3042, 32.3695, 33.1899)

Have a look what the booklet for
XYZ(28.3042, 32.3695, 33.1899)
contains.

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Color

**XYZ(28.3042, 32.3695,
33.1899)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9F95
RGB	138, 159, 149
RGB Percent	54%, 62%, 58%
CMY	0.4588, 0.3765, 0.4157
CMYK	0.13, 0.00, 0.06, 0.38
HSL	151°, 10%, 58%
HSV	151°, 13%, 62%
XYZ	28.3042, 32.3695, 33.1899
YIQ	151.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

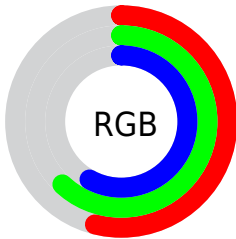
Format	Color
RYB	138, 152, 159
Decimal	9084821
CIELab	63.65, -9.41, 2.72
CIELCh	64, 9.799, 163.869
Yxy	32.3695, 0.3015, 0.3449
Android (android.graphics.Color)	4287274901 (0xFF8A9F95)
YUV	151.5810, -1.2724, -11.9105
Hunter-Lab	56.8942, -10.7632, 5.2384

Details

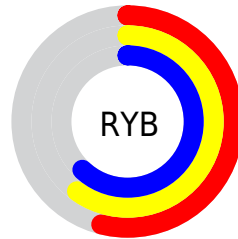
The XYZ color **28.3042, 32.3695, 33.1899** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7330, 27.6869, 31.8482**, and the grayscale version is **29.6735, 31.2188, 33.9973**.

A 20% lighter version of the original color is **56.5643, 63.6114, 65.7969**, and **11.5917, 13.6817, 13.5852** is the 20% darker color. If you saturate the color by 10%, you get **25.2788, 30.8783, 29.9946**, and if you desaturate by 10%, it is **31.7559, 34.0777, 36.6118**.

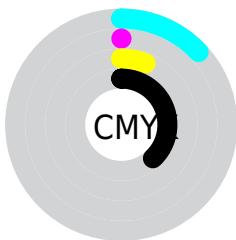
Distribution



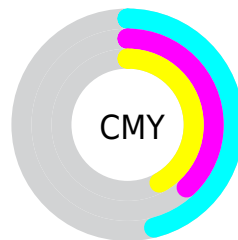
- Red (54%)
- Green (62%)
- Blue (58%)



- Red (54%)
- Yellow (60%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3042, 32.3695, 33.1899 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 28.3042, 32.3695, 33.1899 by changing the saturation by 10% instead.

■ 28.3042, 32.3695,
33.1899

■ 28.3042, 32.3695,
33.1899

285.9714,
312.7990, 331.1628

■ 18.6967, 21.6439,
21.9997

■ 56.3750, 63.3899,
65.7913

■ 11.5540, 13.5955,
13.6583

■ 75.5690, 84.4535,
88.0396

■ 6.5108, 7.8399,
7.7474

■ 98.6893, 109.7318,
114.8109

■ 3.2017, 3.9926,
3.8483

126.1011,
139.6093, 146.5239

■ 1.2613, 1.6694,
1.5425

158.1699,
174.4704, 183.5970

■ 0.1540, 0.4038,
0.2493

195.2610,

■ 0.0000, 0.0000,

214.6995, 226.4488

0.0000

237.7397,
260.6809, 275.4979

■ 28.3042, 32.3695,
33.1899

■ 28.3042, 32.3695,
33.1899

■ 25.2788, 30.8783,
29.9946

■ 31.7559, 34.0777,
36.6118

■ 22.6595, 29.5912,
27.0190

■ 35.6476, 36.0071,
40.2626

■ 20.4287, 28.4999,
24.2590

■ 39.9956, 38.1672,
44.1474

■ 18.5661, 27.5943,
21.7095

■ 44.8147, 40.5652,
48.2705

■ 17.0497, 26.8628,
19.3653

■ 50.1189, 43.2085,
52.6361

■ 15.8550, 26.2932,
17.2207

■ 55.9217, 46.1038,
57.2481

■ 14.9538, 25.8708,
15.2700

■ 62.2359, 49.2578,
62.1105

■ 14.3130, 25.5789,
13.5069

■ 65.2196, 50.6899,
67.0468

■ 13.9708, 25.4263,
12.4113

■ 66.1833, 51.0753,
72.1215

Harmonies

Analogous

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



28.9764, 32.3695, 30.0805



28.3042, 32.3695, 33.1899



28.2787, 32.3695, 37.0846

Triad

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



28.3042, 32.3695, 33.1899



31.4021, 32.3695, 43.0892



32.7049, 32.3695, 30.2704

Complementary

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



28.3042, 32.3695, 33.1899



28.7330, 27.6869, 31.8482

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.



33.3955, 32.3695, 33.4671



28.3042, 32.3695, 33.1899



32.6283, 32.3695, 40.9689

Square

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



28.3042, 32.3695, 33.1899



30.0401, 32.3695, 43.0011



33.3671, 32.3695, 37.3830



31.5040, 32.3695, 28.4824

Rectangle

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



28.3042, 32.3695, 33.1899



28.6302, 32.3695, 39.6192



33.3671, 32.3695, 37.3830



33.0060, 32.3695, 31.2050

Sweetspot

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



28.3051, 32.3709, 33.1906



56.3023, 60.7463, 65.0175



29.2266, 32.9427, 28.8634



12.5880, 13.6431, 14.5560



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.



28.3051, 32.3709, 33.1906



48.9319, 57.1027, 57.6240



29.0784, 32.5840, 37.5593



6.6886, 7.4562, 7.7946



11.0553, 20.0901, 9.9142



0.2190, 0.3677, 0.2895

Inverse Universe

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



28.7330, 27.6869, 31.8482



49.8581, 46.9653, 54.7189



28.0253, 27.4842, 27.8731



6.7580, 6.6961, 7.5767



12.3368, 6.2393, 6.0244



0.2418, 0.1201, 0.2197

Previews

White Background



This preview shows how the XYZ color 28.3042, 32.3695, 33.1899 looks on a white background.

Color Contrast Check

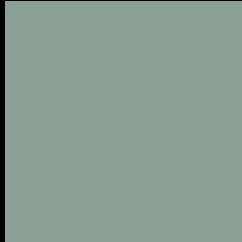
Large Text (above 18pt) WCAG AA × Fail

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 28.3042, 32.3695, 33.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

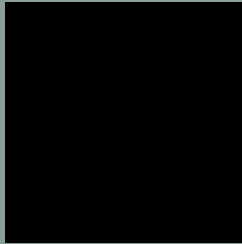
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

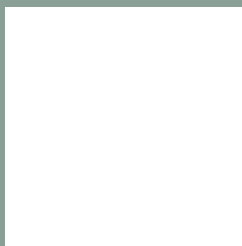
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3042, 32.3695, 33.1899

Background



This preview shows how black text looks on a background with the XYZ color 28.3042, 32.3695, 33.1899.



This preview shows how white text looks on a background with the XYZ color 28.3042, 32.3695,

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

28.3042, 32.3695, 33.1899

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.9109, 32.2753, 33.7733



Tritanopia

30.0344, 32.3042, 42.1885

Trichromacy



Original Color

28.3042, 32.3695, 33.1899

Protanomaly

29.7503, 32.1286, 32.2372

Deuteranomaly

30.9968, 32.2536, 33.4460

Tritanomaly

29.3938, 32.2980, 38.8673

Monochromacy



Original Color

28.3042, 32.3695, 33.1899

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3399, 31.8801, 33.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3042, 32.3695, 33.1899 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(138, 159, 149)` looks like.

```
.text, #text, p{  
  color:rgb(138, 159, 149)  
}
```

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(138, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 159, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.3042, 32.3695, 33.1899 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(138, 159, 149) }
```


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

```
.border{ border-color:rgb(138, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(138, 159,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3042, 32.3695, 33.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 159, 149) }
```

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

```
.background{ background-color: rgb(138,  
159, 149) }
```

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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