

Converting Colors

XYZ(28.5921, 32.2944, 36.9493)

Have a look what the booklet for
XYZ(28.5921, 32.2944, 36.9493)
contains.

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Color

**XYZ(28.5518, 32.1566,
37.0498)**

Conversions

Conversions Part 1

Format	Color
Hex	889E9E
RGB	136, 158, 158
RGB Percent	53%, 62%, 62%
CMY	0.4667, 0.3804, 0.3804
CMYK	0.14, 0.00, 0.00, 0.38
HSL	180°, 10%, 58%
HSV	180°, 14%, 62%
XYZ	28.5518, 32.1566, 37.0498
YIQ	151.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

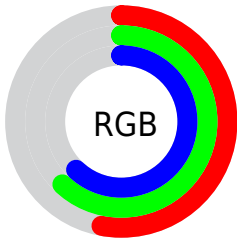
Format	Color
RYB	136, 147, 158
Decimal	8953502
CIELab	63.47, -7.69, -2.61
CIELCh	63, 8.118, 198.731
Yxy	32.1566, 0.2921, 0.3289
Android (android.graphics.Color)	4287143582 (0xFF889E9E)
YUV	151.4220, 3.2430, -13.5251
Hunter-Lab	56.7068, -9.3623, 0.9572

Details

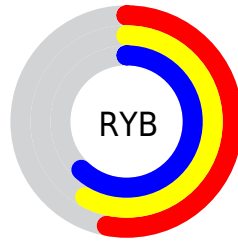
The XYZ color **28.5518, 32.1566, 37.0498** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3498, 26.6559, 26.9976**, and the grayscale version is **29.5876, 31.1284, 33.8989**.

A 20% lighter version of the original color is **57.0397, 63.3397, 72.1703**, and **11.7493, 13.5554, 15.9071** is the 20% darker color. If you saturate the color by 10%, you get **26.1727, 30.9310, 36.9384**, and if you desaturate by 10%, it is **31.3111, 33.5799, 37.1803**.

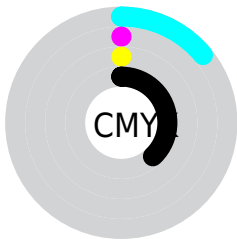
Distribution



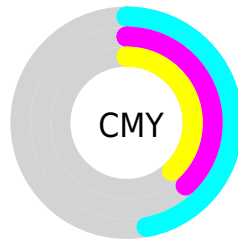
- Red (53%)
- Green (62%)
- Blue (62%)



- Red (53%)
- Yellow (58%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5518, 32.1566, 37.0498 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 28.5518, 32.1566, 37.0498 by changing the saturation by 10% instead.

■ 28.5518, 32.1566,
37.0498

■ 28.5518, 32.1566,
37.0498

287.1268,
311.8320, 348.7013

■ 18.8846, 21.4811,
24.9500

■ 56.7667, 63.0565,
71.8366

■ 11.6904, 13.4762,
15.8211

■ 76.0452, 84.0497,
95.3606

■ 6.6039, 7.7572,
9.2447

■ 99.2581, 109.2510,
123.5297

■ 3.2598, 3.9400,
4.8021

126.7708,
139.0448, 156.7625

■ 1.2926, 1.6401,
2.0749

158.9486,
173.8153, 195.4775

■ 0.1777, 0.3844,
0.6008

196.1570,

■ 0.0000, 0.0000,

213.9471, 240.0933

0.0000

238.7613,
259.8246, 291.0284

■ 28.5518, 32.1566,
37.0498

■ 28.5518, 32.1566,
37.0498

■ 26.1727, 30.9310,
36.9384

■ 31.3111, 33.5799,
37.1803

■ 24.1544, 29.8906,
36.8433

■ 34.4633, 35.2049,
37.3286

■ 22.4803, 29.0275,
36.7642

■ 38.0239, 37.0405,
37.4959

■ 21.1311, 28.3320,
36.7003

■ 42.0068, 39.0937,
37.6830

■ 20.0858, 27.7931,
36.6507

■ 46.4251, 41.3714,
37.8905

■ 19.3207, 27.3988,
36.6142

■ 51.2916, 43.8802,
38.1189

■ 18.8090, 27.1350,
36.5895

■ 56.6184, 46.6262,
38.3689

■ 18.5182, 26.9851,
36.5752

■ 59.6402, 48.1840,
38.5111

■ 18.3979, 26.9231,
36.5692

■ 59.6403, 48.1840,
38.5118

Harmonies

Analogous

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



28.4819, 32.1566, 33.8109



28.5518, 32.1566, 37.0498



29.1529, 32.1566, 39.9021

Triad

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



28.5518, 32.1566, 37.0498



32.2264, 32.1566, 39.2805



30.9905, 32.1566, 29.2575

Complementary

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



28.5518, 32.1566, 37.0498



27.3498, 26.6559, 26.9976

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.



32.0197, 32.1566, 30.5407



28.5518, 32.1566, 37.0498



32.7449, 32.1566, 36.2434

Square

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



28.5518, 32.1566, 37.0498



31.2670, 32.1566, 41.2437



32.6683, 32.1566, 33.0524



29.8714, 32.1566, 29.4438

Rectangle

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



28.5518, 32.1566, 37.0498



29.7824, 32.1566, 41.1386



32.6683, 32.1566, 33.0524



31.3589, 32.1566, 29.5279

Sweetspot

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



28.5527, 32.1579, 37.0505



56.7761, 60.9358, 67.5123



26.8848, 31.4977, 27.9559



12.7135, 13.6933, 15.2165



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.



28.5527, 32.1579, 37.0505



50.3009, 57.5978, 67.2075



26.8167, 28.6856, 36.4728



6.8218, 7.5095, 8.4965



14.7342, 21.5616, 29.2868



0.2635, 0.3855, 0.5237

Inverse Universe

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



27.3498, 26.6559, 26.9976



47.6448, 45.4488, 45.0097



28.9225, 29.8014, 27.5211



6.6331, 6.6462, 6.9190



11.2932, 5.8218, 0.5289



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 28.5518, 32.1566, 37.0498 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 28.5518, 32.1566, 37.0498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

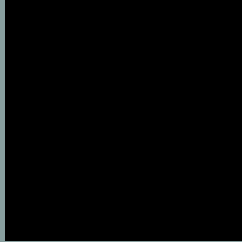
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5518, 32.1566, 37.0498

Background



This preview shows how black text looks on a background with the XYZ color 28.5518, 32.1566, 37.0498.

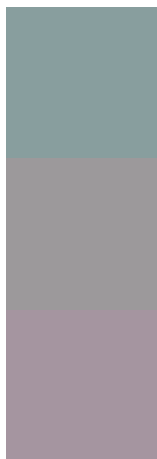


This preview shows how white text looks on a background with the XYZ color 28.5518, 32.1566,

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

28.5518, 32.1566, 37.0498

Protanopia

31.0179, 32.2169, 35.5940

Deuteranopia

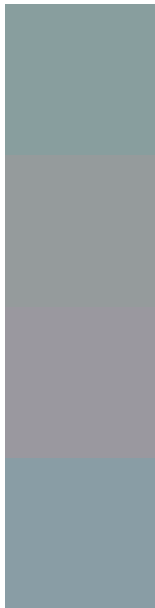
32.6097, 32.0323, 37.7218



Tritanopia

29.5311, 32.0448, 42.1649

Trichromacy



Original Color

28.5518, 32.1566, 37.0498

Protanomaly

30.1165, 32.2326, 36.0867

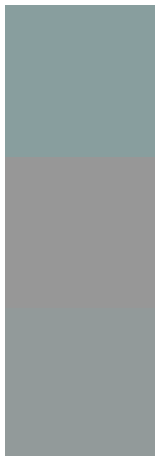
Deuteranomaly

30.8127, 31.8297, 37.3206

Tritanomaly

29.1650, 32.1489, 40.2655

Monochromacy



Original Color

28.5518, 32.1566, 37.0498

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2424, 31.5553, 35.1214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5518, 32.1566, 37.0498 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(136, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(136, 158, 158)  
}
```

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(136, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.5518, 32.1566, 37.0498 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(136, 158, 158) }
```


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

```
.border{ border-color:rgb(136, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(136, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5518, 32.1566, 37.0498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 158, 158) }
```

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

```
.background{ background-color: rgb(136,  
158, 158) }
```

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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