

Converting Colors

XYZ(32.7299, 37.6315, 44.0937)

Have a look what the booklet for
XYZ(32.7299, 37.6315, 44.0937)
contains.

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Color

**XYZ(32.7288, 37.6415,
44.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	8CABAB
RGB	140, 171, 171
RGB Percent	55%, 67%, 67%
CMY	0.4510, 0.3294, 0.3294
CMYK	0.18, 0.00, 0.00, 0.33
HSL	180°, 16%, 61%
HSV	180°, 18%, 67%
XYZ	32.7288, 37.6415, 44.0686
YIQ	161.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

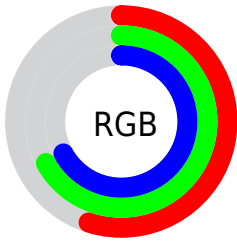
Format	Color
RYB	140, 156, 171
Decimal	9218987
CIELab	67.76, -10.56, -3.53
CIElCh	68, 11.135, 198.506
Yxy	37.6415, 0.2860, 0.3289
Android (android.graphics.Color)	4287409067 (0xFF8CABAB)
YUV	161.7310, 4.5696, -19.0581
Hunter-Lab	61.3527, -12.1457, 0.3598

Details

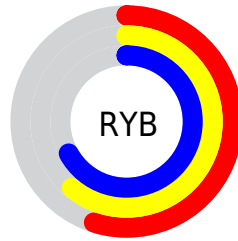
The XYZ color **32.7288, 37.6415, 44.0686** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.9076, 29.3086, 28.8407**, and the grayscale version is **34.2032, 35.9844, 39.1870**.

A 20% lighter version of the original color is **63.1720, 71.3530, 82.3945**, and **14.0464, 16.6494, 19.9261** is the 20% darker color. If you saturate the color by 10%, you get **30.0685, 36.2711, 43.9443**, and if you desaturate by 10%, it is **35.8391, 39.2459, 44.2156**.

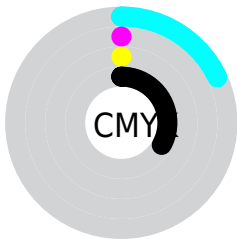
Distribution



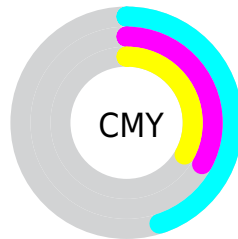
- Red (55%)
- Green (67%)
- Blue (67%)



- Red (55%)
- Yellow (61%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7288, 37.6415, 44.0686 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 32.7288, 37.6415, 44.0686 by changing the saturation by 10% instead.

■ 32.7288, 37.6415,
44.0686

■ 32.7288, 37.6415,
44.0686

306.1126,
336.0796, 379.0377

■ 22.0770, 25.7046,
30.3869

■ 63.3094, 71.5583,
82.6245

■ 14.0304, 16.6028,
19.8779

■ 83.9689, 94.3070,
108.3358

■ 8.2237, 9.9517,
12.1231

■ 108.6951,
121.4284, 138.8940

■ 4.2914, 5.3669,
6.7040

137.8532,
153.3068, 174.7176

■ 1.8683, 2.4641,
3.2021

171.8086,
190.3268, 216.2253

■ 0.5583, 0.8586,
1.1987

210.9268,

■ 0.0000, 0.0000,

232.8727, 263.8355

0.0000

255.5730,
281.3288, 317.9668

■ 32.7288, 37.6415,
44.0686

■ 32.7288, 37.6415,
44.0686

■ 30.0685, 36.2711,
43.9443

■ 35.8391, 39.2459,
44.2156

■ 27.8344, 35.1193,
43.8391

■ 39.4153, 41.0895,
44.3836

■ 26.0052, 34.1764,
43.7529

■ 43.4768, 43.1833,
44.5743

■ 24.5567, 33.4297,
43.6845

■ 48.0408, 45.5361,
44.7885

■ 23.4621, 32.8654,
43.6326

■ 53.1235, 48.1563,
45.0270

■ 22.6910, 32.4679,
43.5959

■ 58.7407, 51.0520,
45.2905

■ 22.2081, 32.2190,
43.5727

■ 63.1552, 53.3278,
45.4977

■ 21.9534, 32.0877,
43.5601

■ 63.1553, 53.3278,
45.4983

■ 21.9134, 32.0670,
43.5581

■ 63.1554, 53.3279,
45.4990

Harmonies

Analogous

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



32.6302, 37.6415, 39.1248



32.7288, 37.6415, 44.0686



33.6283, 37.6415, 48.5045

Triad

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



32.7288, 37.6415, 44.0686



38.3144, 37.6415, 47.5930



36.4409, 37.6415, 32.3789

Complementary

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



32.7288, 37.6415, 44.0686



30.9076, 29.3086, 28.8407

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.



38.0155, 37.6415, 34.2862



32.7288, 37.6415, 44.0686



39.1202, 37.6415, 42.9036

Square

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



32.7288, 37.6415, 44.0686



36.8381, 37.6415, 50.6492



39.0091, 37.6415, 38.0491



34.7367, 37.6415, 32.6360

Rectangle

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



32.7288, 37.6415, 44.0686



34.5778, 37.6415, 50.4546



39.0091, 37.6415, 38.0491



37.0038, 37.6415, 32.7815

Sweetspot

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



32.7299, 37.6431, 44.0694



66.0406, 71.2418, 79.2716



30.2001, 36.6412, 30.2924



14.6328, 15.8385, 17.6734



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.



32.7299, 37.6431, 44.0694



56.4888, 66.3177, 78.8227



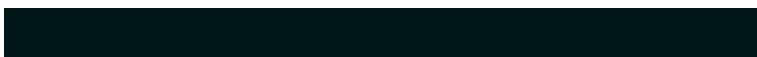
30.0583, 32.2994, 43.1800



8.2363, 9.0721, 10.2695



16.5187, 24.1728, 32.8350



0.4595, 0.6725, 0.9135

Inverse Universe

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



30.9076, 29.3086, 28.8407



52.5774, 48.4285, 46.1353



33.2481, 33.9898, 29.6200



8.0053, 8.0154, 8.3387



12.6607, 6.5268, 0.5928



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 32.7288, 37.6415, 44.0686 looks on a white background.

Color Contrast Check

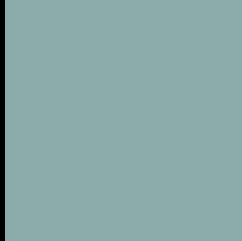
Large Text (above 18pt) WCAG AA × Fail

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 32.7288, 37.6415, 44.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

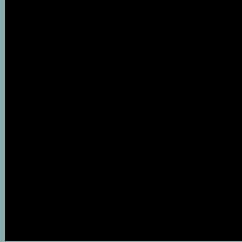
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7288, 37.6415, 44.0686

Background



This preview shows how black text looks on a background with the XYZ color 32.7288, 37.6415, 44.0686.

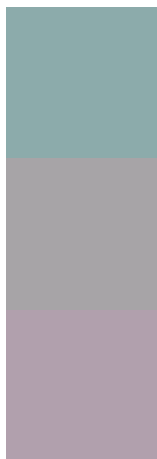


This preview shows how white text looks on a background with the XYZ color 32.7288, 37.6415,

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

32.7288, 37.6415, 44.0686

Protanopia

36.1869, 37.5564, 41.9011

Deuteranopia

38.2451, 37.5059, 44.7588



Tritanopia

33.8905, 37.5456, 50.2606

Trichromacy



Original Color

32.7288, 37.6415, 44.0686

Protanomaly

34.7912, 37.6327, 42.4759

Deuteranomaly

36.0317, 37.4220, 44.3538

Tritanomaly

33.4959, 37.6668, 48.1528

Monochromacy



Original Color

32.7288, 37.6415, 44.0686

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.5731, 36.4969, 40.8724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7288, 37.6415, 44.0686 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(140, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 171)  
}
```

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(140, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.7288, 37.6415, 44.0686 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(140, 171, 171) }
```


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

```
.border{ border-color:rgb(140, 171, 171) }
```

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

Here you see how a box with a 4 pixel rgb(140, 171, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7288, 37.6415, 44.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 171) }
```

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

```
.background{ background-color: rgb(140,  
171, 171) }
```

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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