

Converting Colors

XYZ(28.9131, 37.1017, 44.2733)

Have a look what the booklet for
XYZ(28.9131, 37.1017, 44.2733)
contains.

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Color

**XYZ(28.9394, 37.1167,
44.1671)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB0AB
RGB	107, 176, 171
RGB Percent	42%, 69%, 67%
CMY	0.5804, 0.3098, 0.3294
CMYK	0.39, 0.00, 0.03, 0.31
HSL	176°, 30%, 55%
HSV	176°, 39%, 69%
XYZ	28.9394, 37.1167, 44.1671
YIQ	154.7990, -39.5190, -16.1830

Conversions

Conversions Part 2

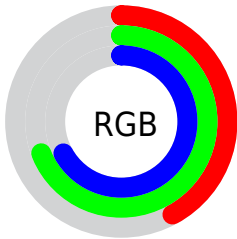
Format	Color
RYB	107, 143, 176
Decimal	7057579
CIELab	67.36, -22.96, -4.32
CIELCh	67, 23.360, 190.653
Yxy	37.1167, 0.2626, 0.3367
Android (android.graphics.Color)	4285247659 (0xFF6BB0AB)
YUV	154.7990, 7.9871, -41.9197
Hunter-Lab	60.9235, -21.8264, -0.3365

Details

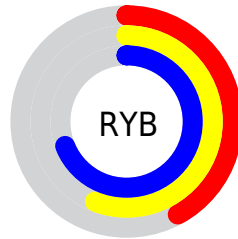
The XYZ color **28.9394, 37.1167, 44.1671** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.0880, 20.9164, 17.9928**, and the grayscale version is **31.0461, 32.6629, 35.5699**.

A 20% lighter version of the original color is **57.4844, 70.8856, 82.6040**, and **11.8809, 16.2547, 19.9640** is the 20% darker color. If you saturate the color by 10%, you get **26.9142, 36.0876, 43.4413**, and if you desaturate by 10%, it is **31.3986, 38.3713, 44.9210**.

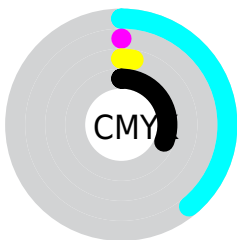
Distribution



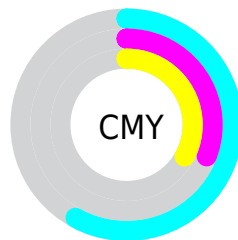
- Red (42%)
- Green (69%)
- Blue (67%)



- Red (42%)
- Yellow (56%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (58%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9394, 37.1167, 44.1671 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 28.9394, 37.1167, 44.1671 by changing the saturation by 10% instead.

■ 28.9394, 37.1167,
44.1671

■ 28.9394, 37.1167,
44.1671

288.9283,
333.8155, 379.4510

■ 19.1790, 25.2979,
30.4637

■ 57.3790, 70.7522,
82.7743

■ 11.9045, 16.2991,
19.9358

■ 76.7890, 93.3377,
108.5152

■ 6.7504, 9.7361,
12.1648

■ 100.1462,
120.2809, 139.1057

■ 3.3514, 5.2243,
6.7321

■ 127.8160,
151.9661, 174.9643

■ 1.3422, 2.3795,
3.2192

160.1637,
188.7778, 216.5096

■ 0.2145, 0.8153,
1.2076

197.5548,

■ 0.0000, 0.0000,

231.1003, 264.1602

0.0000

240.3545,
279.3181, 318.3344

■ 28.9394, 37.1167,
44.1671

■ 28.9394, 37.1167,
44.1671

■ 26.9142, 36.0876,
43.4413

■ 31.3986, 38.3713,
44.9210

■ 25.2936, 35.2659,
42.7397

■ 34.3126, 39.8592,
45.7014

■ 24.0493, 34.6382,
42.0619

■ 37.7050, 41.5937,
46.5105

■ 23.1483, 34.1873,
41.4062

■ 41.5964, 43.5852,
47.3490

■ 22.5517, 33.8932,
40.7708

■ 46.0065, 45.8441,
48.2181

■ 22.1854, 33.7177,
40.1522

■ 50.9539, 48.3797,
49.1184

■ 22.1588, 33.7050,
40.1033

■ 56.4562, 51.2013,
50.0510

■ 62.5301, 54.3175,
51.0166

■ 65.2595, 55.7093,
51.8319

Harmonies

Analogous

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



29.1766, 37.1167, 34.2312



28.9394, 37.1167, 44.1671



30.3117, 37.1167, 54.6582

Triad

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



28.9394, 37.1167, 44.1671



39.9532, 37.1167, 57.2820



37.6071, 37.1167, 24.5271

Complementary

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



28.9394, 37.1167, 44.1671



26.0880, 20.9164, 17.9928

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.



40.7598, 37.1167, 28.8878



28.9394, 37.1167, 44.1671



42.1764, 37.1167, 47.2993

Square

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



28.9394, 37.1167, 44.1671



36.5656, 37.1167, 63.0365



42.4812, 37.1167, 36.8794



34.0216, 37.1167, 23.9771

Rectangle

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



28.9394, 37.1167, 44.1671



32.0126, 37.1167, 60.1380



42.4812, 37.1167, 36.8794



38.7589, 37.1167, 25.5562

Sweetspot

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



28.9405, 37.1182, 44.1680



66.4389, 74.4406, 83.9048



24.9582, 35.6078, 19.4682



14.2272, 16.0450, 18.1433



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.9405, 37.1182, 44.1680



49.2744, 65.6835, 78.9645



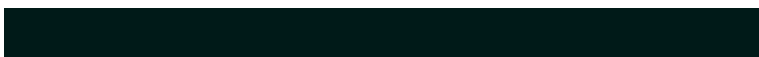
24.3736, 27.2069, 45.0427



8.7155, 9.6207, 10.7617



16.2669, 24.7327, 29.4720



0.5197, 0.7813, 0.9687

Inverse Universe

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



26.0880, 20.9164, 17.9928



43.3804, 32.1671, 24.8499



29.3286, 27.8308, 17.7368



8.5205, 8.5149, 8.9735



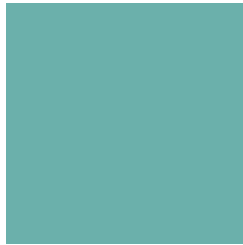
13.1978, 6.7967, 0.9357



0.4235, 0.2171, 0.0727

Previews

White Background



This preview shows how the XYZ color 28.9394, 37.1167, 44.1671 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 28.9394, 37.1167, 44.1671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

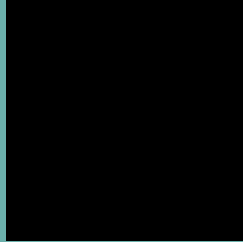
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9394, 37.1167, 44.1671

Background



This preview shows how black text looks on a background with the XYZ color 28.9394, 37.1167, 44.1671.

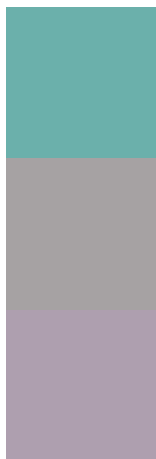


This preview shows how white text looks on a background with the XYZ color 28.9394, 37.1167,

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

28.9394, 37.1167, 44.1671

Protanopia

35.2571, 36.5920, 39.8550

Deuteranopia

37.5916, 36.8901, 45.6967



Tritanopia

30.6612, 37.2395, 52.5856

Trichromacy



Original Color

28.9394, 37.1167, 44.1671

Protanomaly

32.3787, 36.4103, 41.3978

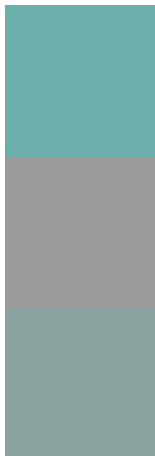
Deuteranomaly

33.6728, 36.4503, 45.3053

Tritanomaly

30.1009, 37.3111, 49.3313

Monochromacy



Original Color

28.9394, 37.1167, 44.1671

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.0114, 34.1709, 38.7321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9394, 37.1167, 44.1671 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(107, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 176, 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(107, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 176, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.9394, 37.1167, 44.1671 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(107, 176, 171) }
```


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

```
.border{ border-color:rgb(107, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 176,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9394, 37.1167, 44.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 176, 171) }
```

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

```
.background{ background-color: rgb(107,  
176, 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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