

Converting Colors

XYZ(31.0502, 37.0677, 44.6025)

Have a look what the booklet for
XYZ(31.0502, 37.0677, 44.6025)
contains.

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Color

**XYZ(30.9513, 36.9956,
44.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	7FACAC
RGB	127, 172, 172
RGB Percent	50%, 67%, 67%
CMY	0.5020, 0.3255, 0.3255
CMYK	0.26, 0.00, 0.00, 0.33
HSL	180°, 21%, 59%
HSV	180°, 26%, 67%
XYZ	30.9513, 36.9956, 44.5393
YIQ	158.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

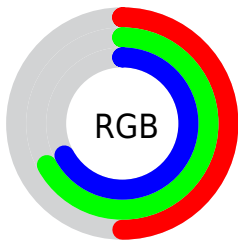
Format	Color
RYB	127, 150, 172
Decimal	8367276
CIELab	67.27, -14.95, -4.89
CIELCh	67, 15.725, 198.117
Yxy	36.9956, 0.2752, 0.3289
Android (android.graphics.Color)	4286557356 (0xFF7FACAC)
YUV	158.5450, 6.6333, -27.6650
Hunter-Lab	60.8240, -15.6093, -0.8392

Details

The XYZ color **30.9513, 36.9956, 44.5393** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.4347, 25.4827, 23.5001**, and the grayscale version is **32.7274, 34.4317, 37.4962**.

A 20% lighter version of the original color is **60.3903, 70.3080, 83.0609**, and **13.0871, 16.3255, 20.2307** is the 20% darker color. If you saturate the color by 10%, you get **28.6054, 35.7872, 44.4299**, and if you desaturate by 10%, it is **33.7367, 38.4325, 44.6708**.

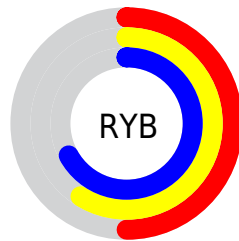
Distribution



Red (50%)

Green (67%)

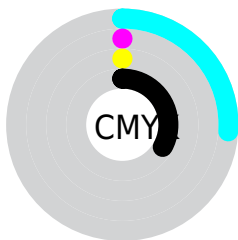
Blue (67%)



Red (50%)

Yellow (59%)

Blue (67%)

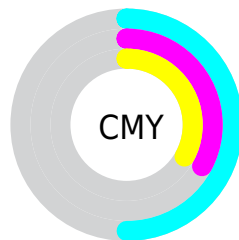


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9513, 36.9956, 44.5393 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 30.9513, 36.9956, 44.5393 by changing the saturation by 10% instead.

■ 30.9513, 36.9956,
44.5393

■ 30.9513, 36.9956,
44.5393

298.1448,
333.2915, 381.0101

■ 20.7134, 25.2041,
30.7544

■ 60.5398, 70.5660,
83.3398

■ 13.0259, 16.2292,
20.1550

■ 80.6210, 93.1137,
109.1924

■ 7.5235, 9.6865,
12.3226

■ 104.7141,
120.0156, 139.9047

■ 3.8408, 5.1916,
6.8386

133.1845,
151.6560, 175.8952

■ 1.6125, 2.3601,
3.2844

166.3973,
188.4194, 217.5825

■ 0.4005, 0.8052,
1.2416

204.7181,

■ 0.0000, 0.0000,

230.6902, 265.3850

0.0132

248.5121,
278.8528, 319.7213

■ 0.0000, 0.0000,
0.0000

■ 30.9513, 36.9956,
44.5393

■ 30.9513, 36.9956,
44.5393

■ 28.6054, 35.7872,
44.4299

■ 33.7367, 38.4325,
44.6708

■ 26.6735, 34.7913,
44.3391

■ 36.9791, 40.1040,
44.8230

■ 25.1326, 33.9969,
44.2666

■ 40.6987, 42.0215,
44.9974

■ 23.9560, 33.3904,
44.2112

■ 44.9138, 44.1944,
45.1951

■ 23.1138, 32.9562,
44.1713

■ 49.6417, 46.6318,
45.4167

■ 22.5712, 32.6765,
44.1456

■ 54.8988, 49.3419,
45.6632

■ 22.2818, 32.5273,
44.1316

■ 60.7008, 52.3329,
45.9351

■ 22.1991, 32.4847,
44.1276

■ 63.4403, 53.7451,
46.0637

■ 63.4403, 53.7452,
46.0641

Harmonies

Analogous

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



30.8320, 36.9956, 37.6176



30.9513, 36.9956, 44.5393



32.1673, 36.9956, 50.9610

Triad

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



30.9513, 36.9956, 44.5393



38.7173, 36.9956, 49.7797



36.1234, 36.9956, 28.6688

Complementary

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



30.9513, 36.9956, 44.5393



28.4347, 25.4827, 23.5001

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.



38.3396, 36.9956, 31.2098



30.9513, 36.9956, 44.5393



39.8822, 36.9956, 43.0691

Square

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



30.9513, 36.9956, 44.5393



36.6199, 36.9956, 54.2158



39.7409, 36.9956, 36.3049



33.7456, 36.9956, 28.9668

Rectangle

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



30.9513, 36.9956, 44.5393



33.4687, 36.9956, 53.8540



39.7409, 36.9956, 36.3049



36.9139, 36.9956, 29.2062

Sweetspot

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



30.9524, 36.9971, 44.5401



65.8502, 72.1161, 81.2543



27.4489, 35.6087, 25.5059



14.1166, 15.5724, 17.6493



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.



30.9524, 36.9971, 44.5401



53.7578, 65.8823, 80.6867



27.1461, 29.3843, 43.2724



8.2363, 9.0721, 10.2696



16.5191, 24.1729, 32.8368



0.4595, 0.6725, 0.9135

Inverse Universe

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



28.4347, 25.4827, 23.5001



48.4616, 41.6606, 36.4267



31.5532, 31.7201, 24.5390



8.0053, 8.0154, 8.3386



12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 30.9513, 36.9956, 44.5393 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 30.9513, 36.9956, 44.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

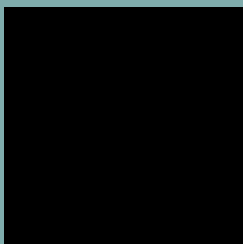
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

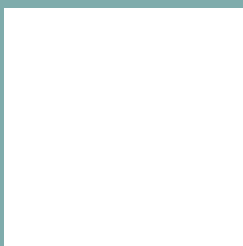
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9513, 36.9956, 44.5393

Background



This preview shows how black text looks on a background with the XYZ color 30.9513, 36.9956, 44.5393.

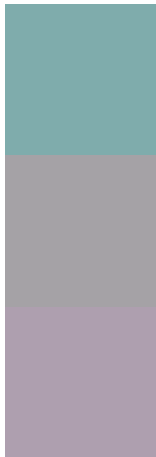


This preview shows how white text looks on a background with the XYZ color 30.9513, 36.9956,

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

30.9513, 36.9956, 44.5393

Protanopia

35.3203, 36.5932, 41.2780

Deuteranopia

37.5916, 36.8901, 45.6967



Tritanopia

32.2324, 36.9560, 50.7818

Trichromacy



Original Color

30.9513, 36.9956, 44.5393

Protanomaly

33.4666, 36.6789, 42.3616

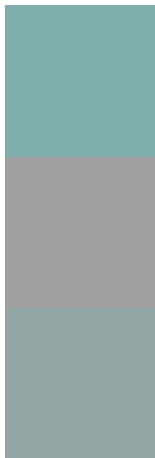
Deuteranomaly

34.8201, 36.7750, 45.3075

Tritanomaly

31.8544, 37.0882, 48.6599

Monochromacy



Original Color

30.9513, 36.9956, 44.5393

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.0089, 35.4343, 40.2744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9513, 36.9956, 44.5393 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(127, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 172, 172)  
}
```

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(127, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 172, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.9513, 36.9956, 44.5393 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(127, 172, 172) }
```


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

```
.border{ border-color:rgb(127, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 172,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9513, 36.9956, 44.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 172, 172) }
```

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

```
.background{ background-color: rgb(127,  
172, 172) }
```

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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