

Converting Colors

XYZ(28.9919, 34.6834, 40.4285)

Have a look what the booklet for
XYZ(28.9919, 34.6834, 40.4285)
contains.

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Color

**XYZ(28.9770, 34.6777,
40.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA7A4
RGB	125, 167, 164
RGB Percent	49%, 65%, 64%
CMY	0.5098, 0.3451, 0.3569
CMYK	0.25, 0.00, 0.02, 0.35
HSL	176°, 19%, 57%
HSV	176°, 25%, 65%
XYZ	28.9770, 34.6777, 40.2882
YIQ	154.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

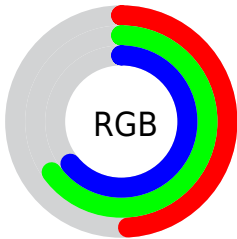
Format	Color
RYB	125, 147, 167
Decimal	8234916
CIELab	65.50, -14.76, -3.07
CIElCh	65, 15.078, 191.751
Yxy	34.6777, 0.2788, 0.3336
Android (android.graphics.Color)	4286424996 (0xFF7DA7A4)
YUV	154.1000, 4.8807, -25.5207
Hunter-Lab	58.8878, -15.2188, 0.6581

Details

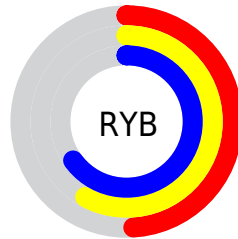
The XYZ color **28.9770, 34.6777, 40.2882** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.1674, 24.4422, 23.7094**, and the grayscale version is **30.7466, 32.3479, 35.2268**.

A 20% lighter version of the original color is **57.4979, 66.9407, 76.9082**, and **11.8794, 14.8872, 17.5766** is the 20% darker color. If you saturate the color by 10%, you get **26.6340, 33.4832, 39.6192**, and if you desaturate by 10%, it is **31.7329, 36.0868, 40.9833**.

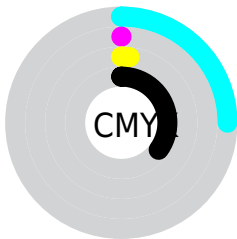
Distribution



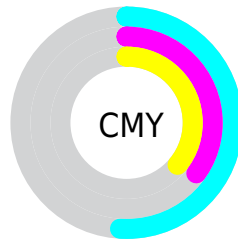
- Red (49%)
- Green (65%)
- Blue (64%)



- Red (49%)
- Yellow (58%)
- Blue (65%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)





- Cyan (51%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9770, 34.6777, 40.2882 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 28.9770, 34.6777, 40.2882 by changing the saturation by 10% instead.


 28.9770, 34.6777,
40.2882


 28.9770, 34.6777,
40.2882

289.1026,
323.1434, 362.9249


 19.2076, 23.4147,
27.4478


 57.4384, 66.9862,
76.8441

 11.9253, 14.9000,
17.6744

 76.8610, 88.8004,
101.3966

 6.7647, 8.7493,
10.5495


 100.2322,
114.9006, 130.6903

 3.3604, 4.5780,
5.6544

127.9172,
145.6710, 165.1437

 1.3471, 2.0019,
2.5708

160.2814,
181.4961, 205.1753

 0.2180, 0.6085,
0.8773

197.6901,

 0.0000, 0.0000,

222.7603, 251.2037

0.0000

240.5087,
269.8479, 303.6474

■ 28.9770, 34.6777,
40.2882

■ 28.9770, 34.6777,
40.2882

■ 26.6340, 33.4832,
39.6192

■ 31.7329, 36.0868,
40.9833

■ 24.6805, 32.4884,
38.9729

■ 34.9178, 37.7161,
41.7031

■ 23.0952, 31.6833,
38.3491

■ 38.5506, 39.5761,
42.4491

■ 21.8536, 31.0553,
37.7466

■ 42.6482, 41.6756,
43.2222

■ 20.9283, 30.5901,
37.1642

■ 47.2264, 44.0227,
44.0231

■ 20.2874, 30.2716,
36.6003

■ 52.3005, 46.6255,
44.8526

■ 19.8915, 30.0792,
36.0530

■ 57.8851, 49.4912,
45.7114

■ 19.7413, 30.0074,
35.7914

■ 62.6555, 51.9371,
46.5374

■ 62.7720, 51.9837,
47.1510

Harmonies

Analogous

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



29.0914, 34.6777, 34.0783



28.9770, 34.6777, 40.2882



29.8940, 34.6777, 46.4444

Triad

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



28.9770, 34.6777, 40.2882



35.8679, 34.6777, 47.5717



34.3071, 34.6777, 27.3507

Complementary

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



28.9770, 34.6777, 40.2882



27.1674, 24.4422, 23.7094

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.



36.2290, 34.6777, 30.2286



28.9770, 34.6777, 40.2882



37.1574, 34.6777, 41.6938

Square

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



28.9770, 34.6777, 40.2882



33.8321, 34.6777, 50.9526



37.2925, 34.6777, 35.3362



32.1032, 34.6777, 27.0641

Rectangle

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



28.9770, 34.6777, 40.2882



30.9919, 34.6777, 49.5097



37.2925, 34.6777, 35.3362



35.0100, 34.6777, 28.0309

Sweetspot

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



28.9780, 34.6791, 40.2890



60.7421, 66.6278, 74.2936



26.4989, 33.7476, 24.5200



13.4026, 14.8127, 16.5830



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.9780, 34.6791, 40.2890



49.5425, 60.9045, 71.4997



26.2603, 28.8046, 40.7365



7.7241, 8.5227, 9.5330



15.1132, 22.9641, 27.4269



0.3743, 0.5614, 0.7021

Inverse Universe

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



27.1674, 24.4422, 23.7094



45.7570, 39.4937, 36.8295



29.3868, 29.1924, 23.4886



7.5521, 7.5507, 7.9584



12.2526, 6.3098, 0.8759



0.3047, 0.1561, 0.0560

Previews

White Background



This preview shows how the XYZ color 28.9770, 34.6777, 40.2882 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 28.9770, 34.6777, 40.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

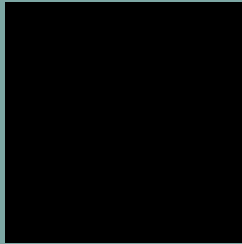
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9770, 34.6777, 40.2882

Background



This preview shows how black text looks on a background with the XYZ color 28.9770, 34.6777, 40.2882.

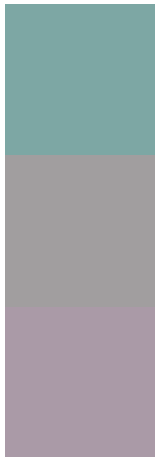


This preview shows how white text looks on a background with the XYZ color 28.9770, 34.6777,

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

28.9770, 34.6777, 40.2882

Protanopia

33.1828, 34.5340, 37.7177

Deuteranopia

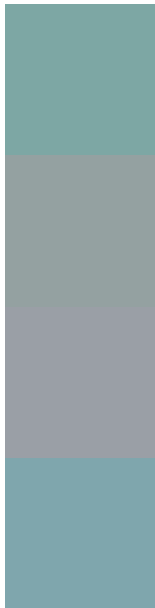
35.1082, 34.4473, 41.3578



Tritanopia

30.3931, 34.7138, 47.2180

Trichromacy



Original Color

28.9770, 34.6777, 40.2882

Protanomaly

31.3906, 34.3588, 38.6957

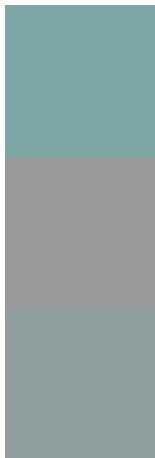
Deuteranomaly

32.6075, 34.4195, 41.0014

Tritanomaly

29.9314, 34.8016, 44.6750

Monochromacy



Original Color

28.9770, 34.6777, 40.2882

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8974, 33.1045, 37.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9770, 34.6777, 40.2882 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(125, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 164)  
}
```

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(125, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 164) }
```

Border

The CSS property to change the border of an element to XYZ 28.9770, 34.6777, 40.2882 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(125, 167, 164) }
```


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

```
.border{ border-color:rgb(125, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9770, 34.6777, 40.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 164) }
```

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

```
.background{ background-color: rgb(125,  
167, 164) }
```

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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