

Converting Colors

XYZ(27.7160, 32.4451, 37.9945)

Have a look what the booklet for
XYZ(27.7160, 32.4451, 37.9945)
contains.

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Color

**XYZ(27.6942, 32.4634,
38.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA1A0
RGB	126, 161, 160
RGB Percent	49%, 63%, 63%
CMY	0.5059, 0.3686, 0.3725
CMYK	0.22, 0.00, 0.01, 0.37
HSL	178°, 16%, 56%
HSV	178°, 22%, 63%
XYZ	27.6942, 32.4634, 38.0641
YIQ	150.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

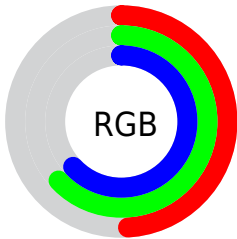
Format	Color
RYB	126, 144, 161
Decimal	8298912
CIELab	63.72, -12.16, -3.44
CIELCh	64, 12.637, 195.774
Yxy	32.4634, 0.2820, 0.3305
Android (android.graphics.Color)	4286488992 (0xFF7EA1A0)
YUV	150.4210, 4.7224, -21.4172
Hunter-Lab	56.9767, -12.9471, 0.2741

Details

The XYZ color **27.6942, 32.4634, 38.0641** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.9907, 24.0320, 23.3488**, and the grayscale version is **29.1558, 30.6742, 33.4042**.

A 20% lighter version of the original color is **55.4120, 63.6017, 73.6458**, and **11.2094, 13.5779, 16.4980** is the 20% darker color. If you saturate the color by 10%, you get **25.4686, 31.3215, 37.7505**, and if you desaturate by 10%, it is **30.3040, 33.8050, 38.3979**.

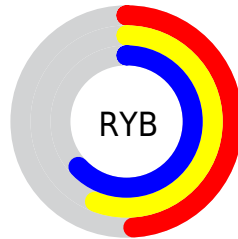
Distribution



Red (49%)

Green (63%)

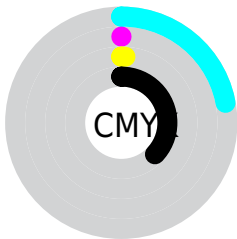
Blue (63%)



Red (49%)

Yellow (56%)

Blue (63%)

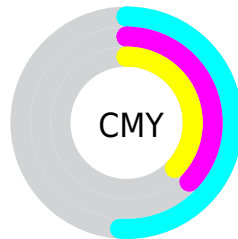


Cyan (22%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (51%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6942, 32.4634, 38.0641 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 27.6942, 32.4634, 38.0641 by changing the saturation by 10% instead.

■ 27.6942, 32.4634,
38.0641

■ 27.6942, 32.4634,
38.0641

283.1094,
313.2248, 353.2013

■ 18.2345, 21.7157,
25.7302

■ 55.4079, 63.5369,
73.4109

■ 11.2192, 13.6481,
16.3980

■ 74.3927, 84.6314,
97.2609

■ 6.2829, 7.8764,
9.6488

■ 97.2832, 109.9437,
125.7867

■ 3.0601, 4.0159,
5.0642

124.4448,
139.8581, 159.4068

■ 1.1856, 1.6825,
2.2256

156.2429,
174.7590, 198.5397

■ 0.0950, 0.4123,
0.6891

193.0428,

■ 0.0000, 0.0000,

215.0308, 243.6041

0.0000

235.2099,
261.0580, 295.0185

■ 27.6942, 32.4634,
38.0641

■ 27.6942, 32.4634,
38.0641

■ 25.4686, 31.3215,
37.7505

■ 30.3040, 33.8050,
38.3979

■ 23.6060, 30.3660,
37.4540

■ 33.3121, 35.3510,
38.7503

■ 22.0878, 29.5879,
37.1743

■ 36.7355, 37.1111,
39.1230

■ 20.8922, 28.9762,
36.9106

■ 40.5893, 39.0931,
39.5167

■ 19.9952, 28.5183,
36.6615

■ 44.8879, 41.3044,
39.9319

■ 19.3694, 28.2003,
36.4260

■ 49.6449, 43.7520,
40.3694

■ 18.9824, 28.0053,
36.2024

■ 54.8735, 46.4426,
40.8297

■ 18.7796, 27.9045,
36.0238

■ 60.5863, 49.3829,
41.3134

■ 60.6998, 49.4366,
41.5360

Harmonies

Analogous

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



27.6721, 32.4634, 33.0051



27.6942, 32.4634, 38.0641



28.5416, 32.4634, 42.8035

Triad

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



27.6942, 32.4634, 38.0641



33.3597, 32.4634, 42.5922



31.6996, 32.4634, 26.7143

Complementary

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



27.6942, 32.4634, 38.0641



25.9907, 24.0320, 23.3488

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.



33.2912, 32.4634, 28.8112



27.6942, 32.4634, 38.0641



34.2742, 32.4634, 37.7974

Square

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



27.6942, 32.4634, 38.0641



31.7901, 32.4634, 45.5834



34.2486, 32.4634, 32.7626



29.9393, 32.4634, 26.7709

Rectangle

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



27.6942, 32.4634, 38.0641



29.4797, 32.4634, 45.0037



34.2486, 32.4634, 32.7626



32.2735, 32.4634, 27.1813

Sweetspot

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



27.6951, 32.4647, 38.0648



56.6613, 61.7684, 69.0508



25.2890, 31.5222, 24.4908



12.3638, 13.5144, 15.1365



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.



27.6951, 32.4647, 38.0648



47.6206, 57.1239, 67.8966



25.1127, 27.1589, 37.6383



7.2673, 8.0077, 9.0194



15.0007, 22.2866, 28.7840



0.3177, 0.4693, 0.6182

Inverse Universe

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



25.9907, 24.0320, 23.3488



44.0253, 39.3343, 36.8535



28.1876, 28.5299, 23.7604



7.0816, 7.0891, 7.4162



11.7616, 6.0607, 0.6694



0.2495, 0.1283, 0.0263

Previews

White Background



This preview shows how the XYZ color 27.6942, 32.4634, 38.0641 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 27.6942, 32.4634, 38.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

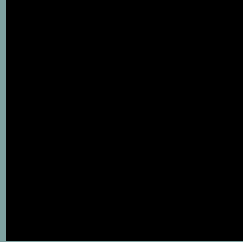
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6942, 32.4634, 38.0641

Background



This preview shows how black text looks on a background with the XYZ color 27.6942, 32.4634, 38.0641.

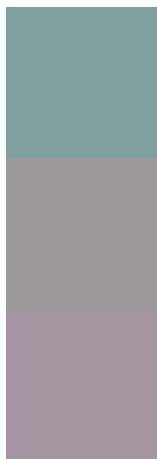


This preview shows how white text looks on a background with the XYZ color 27.6942, 32.4634,

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

27.6942, 32.4634, 38.0641

Protanopia

31.0179, 32.2169, 35.5940

Deuteranopia

32.7861, 32.1029, 38.6509



Tritanopia

28.7466, 32.3640, 43.7615

Trichromacy



Original Color

27.6942, 32.4634, 38.0641

Protanomaly

29.6513, 32.2310, 36.5567

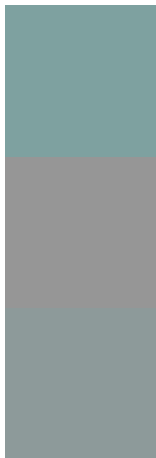
Deuteranomaly

30.5868, 31.9350, 38.2702

Tritanomaly

28.3911, 32.4808, 41.8188

Monochromacy



Original Color

27.6942, 32.4634, 38.0641

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.3728, 31.1070, 35.0807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6942, 32.4634, 38.0641 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(126, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 160)  
}
```

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(126, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 160) }
```

Border

The CSS property to change the border of an element to XYZ 27.6942, 32.4634, 38.0641 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(126, 161, 160) }
```


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

```
.border{ border-color:rgb(126, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(126, 161,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6942, 32.4634, 38.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 160) }
```

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

```
.background{ background-color: rgb(126,  
161, 160) }
```

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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