

Converting Colors

XYZ(28.9111, 32.8524, 47.3091)

Have a look what the booklet for
XYZ(28.9111, 32.8524, 47.3091)
contains.

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Color

**XYZ(28.9076, 32.8820,
47.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA1B3
RGB	122, 161, 179
RGB Percent	48%, 63%, 70%
CMY	0.5216, 0.3686, 0.2980
CMYK	0.32, 0.10, 0.00, 0.30
HSL	199°, 27%, 59%
HSV	199°, 32%, 70%
XYZ	28.9076, 32.8820, 47.4711
YIQ	151.3910, -29.0220, -2.6700

Conversions

Conversions Part 2

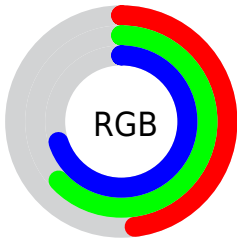
Format	Color
RYB	122, 145, 179
Decimal	8036787
CIELab	64.07, -8.86, -13.61
CIElCh	64, 16.240, 236.938
Yxy	32.8820, 0.2646, 0.3009
Android (android.graphics.Color)	4286226867 (0xFF7AA1B3)
YUV	151.3910, 13.6112, -25.7759
Hunter-Lab	57.3428, -10.3647, -8.9431

Details

The XYZ color **28.9076, 32.8820, 47.4711** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.4818, 29.7454, 22.4953**, and the grayscale version is **29.5361, 31.0743, 33.8399**.

A 20% lighter version of the original color is **57.4558, 64.3400, 87.9879**, and **11.8331, 13.7832, 21.7754** is the 20% darker color. If you saturate the color by 10%, you get **25.6375, 29.7636, 47.0421**, and if you desaturate by 10%, it is **32.6913, 36.3330, 47.9384**.

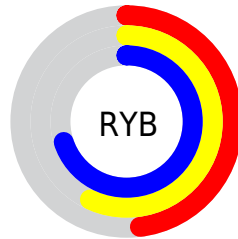
Distribution



Red (48%)

Green (63%)

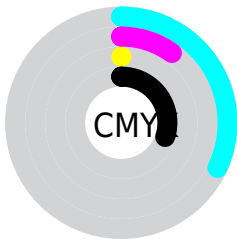
Blue (70%)



Red (48%)

Yellow (57%)

Blue (70%)

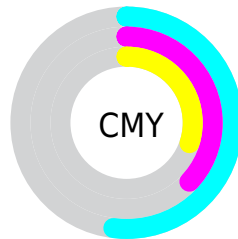


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (30%)



Cyan (52%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9076, 32.8820, 47.4711 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 28.9076, 32.8820, 47.4711 by changing the saturation by 10% instead.

■ 28.9076, 32.8820,
47.4711

■ 28.9076, 32.8820,
47.4711

288.7808,
315.1177, 393.1399

■ 19.1549, 22.0361,
33.0512

■ 57.3288, 64.1913,
87.7737

■ 11.8869, 13.8834,
21.8942

■ 76.7280, 85.4234,
114.4936

■ 6.7384, 8.0396,
13.5816

■ 100.0734,
110.8863, 146.1505

■ 3.3439, 4.1203,
7.6949

127.7304,
140.9645, 183.1630

■ 1.3381, 1.7411,
3.8154

160.0642,
176.0424, 225.9496

■ 0.2115, 0.4500,
1.5246

197.4404,

■ 0.0000, 0.0000,

216.5043, 274.9290

0.2362

240.2241,
262.7346, 330.5196

■ 0.0000, 0.0000,
0.0000

■ 28.9076, 32.8820,
47.4711

■ 28.9076, 32.8820,
47.4711

■ 25.6375, 29.7636,
47.0421

■ 32.6913, 36.3330,
47.9384

■ 22.8515, 26.9594,
46.6477

■ 37.0097, 40.1261,
48.4429

■ 20.5221, 24.4552,
46.2871

■ 41.8865, 44.2750,
48.9867

■ 18.6173, 22.2334,
45.9586

■ 47.3431, 48.7915,
49.5708

■ 17.1004, 20.2745,
45.6605

■ 53.3996, 53.6869,
50.1965

■ 15.9284, 18.5550,
45.3903

■ 60.0750, 58.9718,
50.8648

■ 15.1553, 17.2918,
45.1873

■ 67.3878, 64.6564,
51.5766

■ 71.5012, 68.7636,
52.1526

■ 72.8885, 71.5381,
52.6150

Harmonies

Analogous

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



27.4827, 32.8820, 41.8377



28.9076, 32.8820, 47.4711



31.0182, 32.8820, 49.9610

Triad

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



28.9076, 32.8820, 47.4711



35.8694, 32.8820, 36.4822



29.2969, 32.8820, 25.6782

Complementary

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



28.9076, 32.8820, 47.4711



31.4818, 29.7454, 22.4953

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.



31.4897, 32.8820, 24.6093



28.9076, 32.8820, 47.4711



35.3540, 32.8820, 30.3783

Square

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



28.9076, 32.8820, 47.4711



35.0987, 32.8820, 43.1483



33.7227, 32.8820, 26.2229



27.6996, 32.8820, 29.3423

Rectangle

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



28.9076, 32.8820, 47.4711



32.5564, 32.8820, 49.3020



33.7227, 32.8820, 26.2229



29.9855, 32.8820, 25.0245

Sweetspot

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



28.9086, 32.8833, 47.4719



67.6736, 73.0624, 86.9168



28.8144, 38.2455, 30.3287



14.7368, 15.9663, 19.2273



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.9086, 32.8833, 47.4719



47.6936, 55.0306, 84.4894



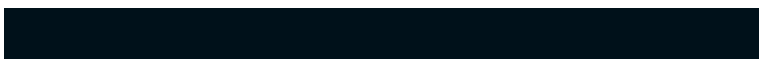
24.6059, 24.2779, 46.0376



8.5118, 9.1699, 10.8277



10.7697, 12.3397, 31.9512



0.3884, 0.4873, 1.0218

Inverse Universe

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



31.9838, 26.0769, 37.0673



54.1725, 41.4412, 62.4004



36.0328, 38.8473, 24.0123



8.7335, 8.6001, 10.0953



15.6707, 7.7858, 13.9577



0.5181, 0.2550, 0.5708

Previews

White Background



This preview shows how the XYZ color 28.9076, 32.8820, 47.4711 looks on a white background.

Color Contrast Check

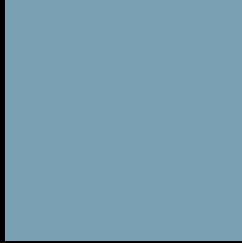
Large Text (above 18pt) WCAG AA × Fail

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 28.9076, 32.8820, 47.4711 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

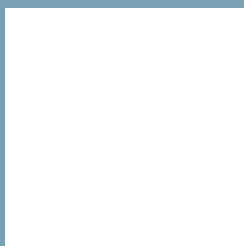
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9076, 32.8820, 47.4711

Background



This preview shows how black text looks on a background with the XYZ color 28.9076, 32.8820, 47.4711.



This preview shows how white text looks on a background with the XYZ color 28.9076, 32.8820,

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

28.9076, 32.8820, 47.4711

Protanopia

32.1445, 32.8426, 44.6895

Deuteranopia

33.3117, 32.6375, 48.2600



Tritanopia

28.5434, 33.0008, 45.4228

Trichromacy



Original Color

28.9076, 32.8820, 47.4711

Protanomaly

30.8779, 32.9113, 45.7994

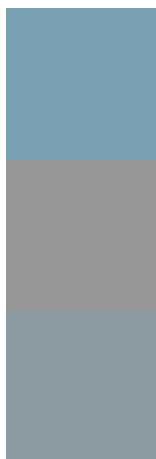
Deuteranomaly

31.4612, 32.6673, 47.8272

Tritanomaly

28.6420, 33.0402, 45.9421

Monochromacy



Original Color

28.9076, 32.8820, 47.4711

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9696, 31.5913, 38.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9076, 32.8820, 47.4711 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(122, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(122, 161, 179)  
}
```

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(122, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 161, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.9076, 32.8820, 47.4711 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(122, 161, 179) }
```


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

```
.border{ border-color:rgb(122, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(122, 161,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9076, 32.8820, 47.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 161, 179) }
```

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

```
.background{ background-color: rgb(122,  
161, 179) }
```

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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