

Converting Colors

XYZ(27.1768, 32.3299, 43.8377)

Have a look what the booklet for XYZ(27.1768, 32.3299, 43.8377) contains.

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Color

**XYZ(27.1768, 32.3299,
43.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	71A2AC
RGB	113, 162, 172
RGB Percent	44%, 64%, 67%
CMY	0.5569, 0.3647, 0.3255
CMYK	0.34, 0.06, 0.00, 0.33
HSL	190°, 26%, 56%
HSV	190°, 34%, 67%
XYZ	27.1768, 32.3299, 43.8377
YIQ	148.4890, -32.4140, -7.2780

Conversions

Conversions Part 2

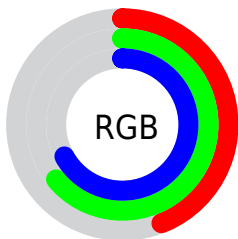
Format	Color
RYB	113, 140, 172
Decimal	7447212
CIELab	63.61, -13.77, -10.41
CIElCh	64, 17.262, 217.109
Yxy	32.3299, 0.2630, 0.3128
Android (android.graphics.Color)	4285637292 (0xFF71A2AC)
YUV	148.4890, 11.5909, -31.1239
Hunter-Lab	56.8594, -14.1872, -5.9101

Details

The XYZ color **27.1768, 32.3299, 43.8377** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.0774, 24.1293, 18.8539**, and the grayscale version is **28.3161, 29.7908, 32.4422**.

A 20% lighter version of the original color is **54.6143, 63.3872, 82.0295**, and **10.8906, 13.5000, 19.8011** is the 20% darker color. If you saturate the color by 10%, you get **24.6629, 30.2813, 43.5753**, and if you desaturate by 10%, it is **30.1239, 34.6211, 44.1252**.

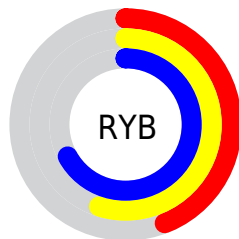
Distribution



Red (44%)

Green (64%)

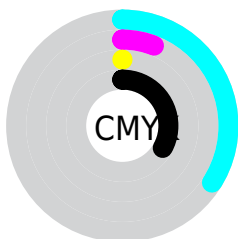
Blue (67%)



Red (44%)

Yellow (55%)

Blue (67%)

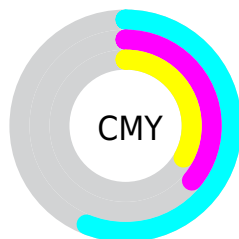


Cyan (34%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1768, 32.3299, 43.8377 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 27.1768, 32.3299, 43.8377 by changing the saturation by 10% instead.

■ 27.1768, 32.3299,
43.8377

■ 27.1768, 32.3299,
43.8377

280.6641,
312.6193, 378.0675

■ 17.8433, 21.6136,
30.2067

■ 54.5853, 63.3279,
82.2733

■ 10.9366, 13.5733,
19.7421

■ 73.3911, 84.3784,
107.9150

■ 6.0912, 7.8245,
12.0255

■ 96.0850, 109.6424,
138.3974

■ 2.9418, 3.9828,
6.6383

123.0324,
139.5044, 174.1389

■ 1.1231, 1.6640,
3.1620

154.5987,
174.3487, 215.5581

■ 0.0443, 0.4002,
1.1779

191.1491,

■ 0.0000, 0.0000,

214.5597, 263.0736

0.0000

233.0492,
260.5217, 317.1039

■ 27.1768, 32.3299,
43.8377

■ 27.1768, 32.3299,
43.8377

■ 24.6629, 30.2813,
43.5753

■ 30.1239, 34.6211,
44.1252

■ 22.5555, 28.4590,
43.3347

■ 33.5233, 37.1625,
44.4365

■ 20.8294, 26.8506,
43.1152

■ 37.3964, 39.9660,
44.7735

■ 19.4552, 25.4410,
42.9155

■ 41.7624, 43.0416,
45.1371

■ 18.3990, 24.2126,
42.7341

■ 46.6394, 46.3987,
45.5280

■ 17.6204, 23.1443,
42.5689

■ 52.0445, 50.0464,
45.9472

■ 17.2468, 22.5793,
42.4796

■ 57.9942, 53.9931,
46.3954

■ 64.5040, 58.2471,
46.8734

■ 66.7203, 60.3063,
47.1541

Harmonies

Analogous

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



26.3529, 32.3299, 36.8710



27.1768, 32.3299, 43.8377



28.9598, 32.3299, 48.9087

Triad

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



27.1768, 32.3299, 43.8377



35.2017, 32.3299, 40.6246



30.1583, 32.3299, 23.5993

Complementary

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



27.1768, 32.3299, 43.8377



27.0774, 24.1293, 18.8539

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.



32.5680, 32.3299, 24.3297



27.1768, 32.3299, 43.8377



35.5637, 32.3299, 33.5837

Square

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



27.1768, 32.3299, 43.8377



33.6121, 32.3299, 46.8908



34.5771, 32.3299, 27.7817



28.0149, 32.3299, 25.6372

Rectangle

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



27.1768, 32.3299, 43.8377



30.4953, 32.3299, 50.2012



34.5771, 32.3299, 27.7817



30.9631, 32.3299, 23.5341

Sweetspot

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



27.1778, 32.3312, 43.8384



63.6054, 69.4549, 80.8596



25.1281, 34.4424, 24.0088



13.6197, 14.9463, 17.5548



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.



27.1778, 32.3312, 43.8384



45.8401, 55.8480, 79.1695



22.5992, 23.1741, 42.3123



8.1191, 8.8376, 10.2306



12.8691, 16.8720, 31.6229



0.3881, 0.5295, 0.8897

Inverse Universe

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



29.4408, 23.1904, 37.1083



50.6546, 37.1154, 64.6914



31.2770, 32.5285, 20.2538



8.2779, 8.1244, 9.7743



16.3594, 8.0063, 20.0696



0.4703, 0.2288, 0.6382

Previews

White Background



This preview shows how the XYZ color 27.1768, 32.3299, 43.8377 looks on a white background.

Color Contrast Check

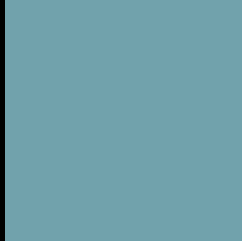
Large Text (above 18pt) WCAG AA × Fail

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 27.1768, 32.3299, 43.8377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

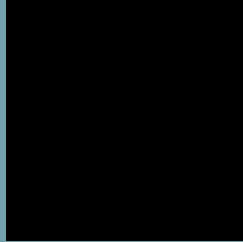
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1768, 32.3299, 43.8377

Background



This preview shows how black text looks on a background with the XYZ color 27.1768, 32.3299, 43.8377.

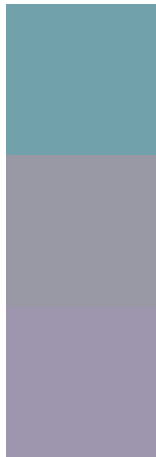


This preview shows how white text looks on a background with the XYZ color 27.1768, 32.3299,

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

27.1768, 32.3299, 43.8377

Protanopia

31.4110, 32.3079, 40.6569

Deuteranopia

32.7448, 32.1769, 45.0424



Tritanopia

27.5976, 32.5132, 45.3786

Trichromacy



Original Color

27.1768, 32.3299, 43.8377

Protanomaly

29.4376, 32.0074, 41.6723

Deuteranomaly

30.3509, 31.9180, 44.6055

Tritanomaly

27.4997, 32.4741, 44.8631

Monochromacy



Original Color

27.1768, 32.3299, 43.8377

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4687, 30.3677, 36.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1768, 32.3299, 43.8377 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(113, 162, 172)` looks like.

```
.text, #text, p{  
    color:rgb(113, 162, 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(113, 162, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 162, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.1768, 32.3299, 43.8377 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(113, 162, 172) }
```


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

```
.border{ border-color:rgb(113, 162, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 162, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 162, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 162, 172); box-shadow:4px 4px 4px 4px rgb(113, 162, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1768, 32.3299, 43.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 162, 172) }
```

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

```
.background{ background-color: rgb(113,  
162, 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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