

Converting Colors

XYZ(29.4743, 34.0415, 44.0469)

Have a look what the booklet for
XYZ(29.4743, 34.0415, 44.0469)
contains.

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Color

**XYZ(29.4743, 34.0415,
44.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA4AC
RGB	127, 164, 172
RGB Percent	50%, 64%, 67%
CMY	0.5020, 0.3569, 0.3255
CMYK	0.26, 0.05, 0.00, 0.33
HSL	191°, 21%, 59%
HSV	191°, 26%, 67%
XYZ	29.4743, 34.0415, 44.0469
YIQ	153.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

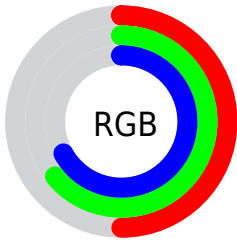
Format	Color
RYB	127, 147, 172
Decimal	8365228
CIELab	65.00, -10.69, -8.27
CIElCh	65, 13.512, 217.731
Yxy	34.0415, 0.2740, 0.3165
Android (android.graphics.Color)	4286555308 (0xFF7FA4AC)
YUV	153.8490, 8.9484, -23.5466
Hunter-Lab	58.3451, -11.9307, -3.9187

Details

The XYZ color **29.4743, 34.0415, 44.0469** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.5085, 27.6313, 23.8577**, and the grayscale version is **30.6195, 32.2141, 35.0812**.

A 20% lighter version of the original color is **58.2527, 66.0328, 82.3484**, and **12.1648, 14.4809, 19.9232** is the 20% darker color. If you saturate the color by 10%, you get **26.5878, 31.7518, 43.7576**, and if you desaturate by 10%, it is **32.8133, 36.5857, 44.3626**.

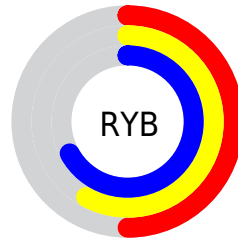
Distribution



Red (50%)

Green (64%)

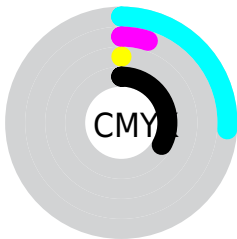
Blue (67%)



Red (50%)

Yellow (58%)

Blue (67%)

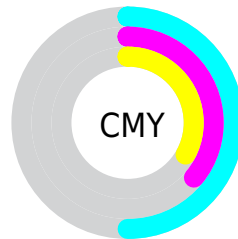


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4743, 34.0415, 44.0469 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 29.4743, 34.0415, 44.0469 by changing the saturation by 10% instead.

■ 29.4743, 34.0415,
44.0469

■ 29.4743, 34.0415,
44.0469

291.4003,
320.3171, 378.9466

■ 19.5860, 22.9255,
30.3699

■ 58.2222, 65.9982,
82.5915

■ 12.2010, 14.5385,
19.8651

■ 77.8124, 87.6077,
108.2963

■ 6.9539, 8.4961,
12.1139

■ 101.3674,
113.4837, 138.8473

■ 3.4793, 4.4140,
6.6978

129.2525,
144.0108, 174.6633

■ 1.4120, 1.9078,
3.1983

161.8329,
179.5733, 216.1626

■ 0.2648, 0.5530,
1.1968

199.4741,

■ 0.0000, 0.0000,

220.5556, 263.7639

0.0000

242.5415,
267.3420, 317.8857

■ 29.4743, 34.0415,
44.0469

■ 29.4743, 34.0415,
44.0469

■ 26.5878, 31.7518,
43.7576

■ 32.8133, 36.5857,
44.3626

■ 24.1285, 29.7009,
43.4914

■ 36.6225, 39.3911,
44.7033

■ 22.0731, 27.8775,
43.2478

■ 40.9223, 42.4692,
45.0708

■ 20.3949, 26.2676,
43.0255

■ 45.7310, 45.8295,
45.4660

■ 19.0639, 24.8557,
42.8231

■ 51.0660, 49.4813,
45.8896

■ 18.0451, 23.6236,
42.6390

■ 56.9438, 53.4330,
46.3426

■ 17.2922, 22.5472,
42.4709

■ 63.3801, 57.6929,
46.8256

■ 17.0349, 22.1554,
42.4088

■ 66.7681, 60.4019,
47.1699

■ 67.4303, 61.7262,
47.3906

Harmonies

Analogous

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



28.7738, 34.0415, 38.5316



29.4743, 34.0415, 44.0469



30.9526, 34.0415, 47.9399

Triad

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



29.4743, 34.0415, 44.0469



35.9579, 34.0415, 41.2939



31.8527, 34.0415, 27.3938

Complementary

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



29.4743, 34.0415, 44.0469



29.5085, 27.6313, 23.8577

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.



33.8000, 34.0415, 27.9739



29.4743, 34.0415, 44.0469



36.2226, 34.0415, 35.6368

Square

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



29.4743, 34.0415, 44.0469



34.7092, 34.0415, 46.2423



35.4184, 34.0415, 30.8636



30.1105, 34.0415, 29.1908

Rectangle

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



29.4743, 34.0415, 44.0469



32.2069, 34.0415, 48.8887



35.4184, 34.0415, 30.8636



32.5044, 34.0415, 27.3208

Sweetspot

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



29.4753, 34.0429, 44.0477



64.9988, 70.4130, 80.9710



27.8437, 35.7530, 28.1719



13.8985, 15.1362, 17.5767



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.



29.4753, 34.0429, 44.0477



50.5474, 59.4608, 79.6187



25.8726, 26.8375, 42.8468



8.1134, 8.8263, 10.2287



12.7126, 16.5591, 31.5707



0.3848, 0.5230, 0.8887

Inverse Universe

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



31.3043, 26.6307, 38.6138



54.4469, 44.0547, 67.9448



32.9017, 34.4176, 24.9887



8.2751, 8.1233, 9.7593



16.2804, 7.9747, 19.6538



0.4686, 0.2281, 0.6297

Previews

White Background



This preview shows how the XYZ color 29.4743, 34.0415, 44.0469 looks on a white background.

Color Contrast Check

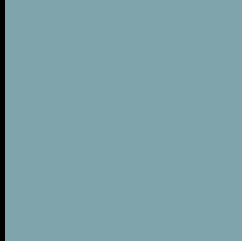
Large Text (above 18pt) WCAG AA × Fail

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 29.4743, 34.0415, 44.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

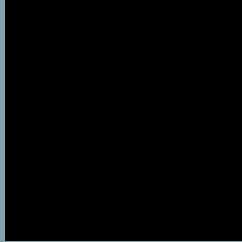
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4743, 34.0415, 44.0469

Background



This preview shows how black text looks on a background with the XYZ color 29.4743, 34.0415, 44.0469.

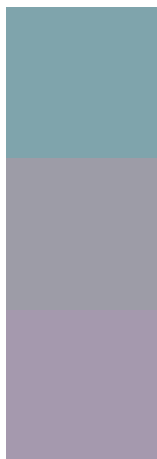


This preview shows how white text looks on a background with the XYZ color 29.4743, 34.0415,

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

29.4743, 34.0415, 44.0469

Protanopia

32.7681, 33.7351, 41.3437

Deuteranopia

34.5483, 33.8378, 44.7549



Tritanopia

29.8358, 33.9182, 46.0486

Trichromacy



Original Color

29.4743, 34.0415, 44.0469

Protanomaly

31.4136, 33.7718, 42.3991

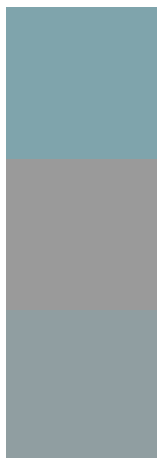
Deuteranomaly

32.3623, 33.7104, 44.3362

Tritanomaly

29.7371, 33.8787, 45.5294

Monochromacy



Original Color

29.4743, 34.0415, 44.0469

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1615, 32.9562, 38.4897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4743, 34.0415, 44.0469 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, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 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, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 172) }
```

Border

The CSS property to change the border of an element to XYZ 29.4743, 34.0415, 44.0469 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, 164, 172) }
```


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

```
.border{ border-color:rgb(127, 164, 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, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 164,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4743, 34.0415, 44.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 172) }
```

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

```
.background{ background-color: rgb(127,  
164, 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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