

Converting Colors

XYZ(29.2592, 34.6032, 44.8754)

Have a look what the booklet for
XYZ(29.2592, 34.6032, 44.8754)
contains.

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Color

**XYZ(29.2467, 34.7195,
44.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	79A7AD
RGB	121, 167, 173
RGB Percent	47%, 65%, 68%
CMY	0.5255, 0.3451, 0.3216
CMYK	0.30, 0.03, 0.00, 0.32
HSL	187°, 24%, 58%
HSV	187°, 30%, 68%
XYZ	29.2467, 34.7195, 44.6952
YIQ	153.9300, -29.3420, -7.8860

Conversions

Conversions Part 2

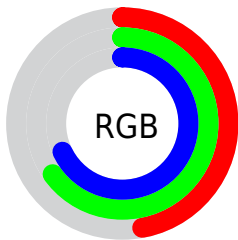
Format	Color
R _{YB}	121, 145, 173
Decimal	7972781
CIE Lab	65.53, -13.86, -8.07
CIE LCh	66, 16.040, 210.205
Yxy	34.7195, 0.2692, 0.3195
Android (android.graphics.Color)	4286162861 (0xFF79A7AD)
YUV	153.9300, 9.4015, -28.8796
Hunter-Lab	58.9233, -14.5168, -3.7271

Details

The XYZ color **29.2467, 34.7195, 44.6952** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2746, 25.4437, 21.5109**, and the grayscale version is **30.6546, 32.2510, 35.1213**.

A 20% lighter version of the original color is **57.8041, 66.9579, 83.2764**, and **12.1077, 14.9440, 20.3355** is the 20% darker color. If you saturate the color by 10%, you get **26.6739, 32.8555, 44.4716**, and if you desaturate by 10%, it is **32.2620, 36.8217, 44.9426**.

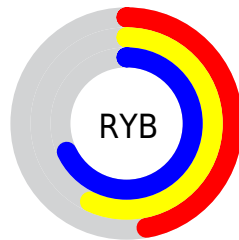
Distribution



Red (47%)

Green (65%)

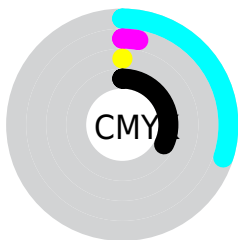
Blue (68%)



Red (47%)

Yellow (57%)

Blue (68%)

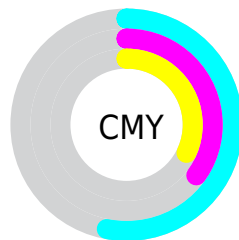


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2467, 34.7195, 44.6952 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 29.2467, 34.7195, 44.6952 by changing the saturation by 10% instead.

■ 29.2467, 34.7195,
44.6952

■ 29.2467, 34.7195,
44.6952

290.3504,
323.3285, 381.6618

■ 19.4127, 23.4469,
30.8762

■ 57.8637, 67.0510,
83.5764

■ 12.0747, 14.9238,
20.2469

■ 77.3774, 88.8787,
109.4758

■ 6.8671, 8.7659,
12.3888

■ 100.8484,
114.9935, 140.2390

■ 3.4247, 4.5888,
6.8833

128.6421,
145.7798, 176.2846

■ 1.3821, 2.0081,
3.3119

161.1238,
181.6221, 218.0311

■ 0.2434, 0.6122,
1.2560

198.6588,

■ 0.0000, 0.0000,

222.9047, 265.8971

0.0253

241.6126,
270.0120, 320.3012

■ 0.0000, 0.0000,
0.0000

■ 29.2467, 34.7195,
44.6952

■ 29.2467, 34.7195,
44.6952

■ 26.6739, 32.8555,
44.4716

■ 32.2620, 36.8217,
44.9426

■ 24.5172, 31.2134,
44.2683

■ 35.7383, 39.1692,
45.2125

■ 22.7522, 29.7816,
44.0850

■ 39.6966, 41.7735,
45.5066

■ 21.3507, 28.5455,
43.9202

■ 44.1560, 44.6447,
45.8257

■ 20.2806, 27.4884,
43.7726

■ 49.1342, 47.7918,
46.1708

■ 19.5041, 26.5909,
43.6403

■ 54.6483, 51.2238,
46.5426

■ 18.9417, 25.8146,
43.5201

■ 60.7145, 54.9490,
46.9419

■ 65.7097, 58.1307,
47.2928

■ 66.1241, 58.9596,
47.4309

Harmonies

Analogous

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



28.6843, 34.7195, 37.8500



29.2467, 34.7195, 44.6952



30.8051, 34.7195, 50.1829

Triad

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



29.2467, 34.7195, 44.6952



37.0786, 34.7195, 44.6055



32.9837, 34.7195, 26.2831

Complementary

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



29.2467, 34.7195, 44.6952



28.2746, 25.4437, 21.5109

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.



35.2965, 34.7195, 27.6486



29.2467, 34.7195, 44.6952



37.7279, 34.7195, 37.7573

Square

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



29.2467, 34.7195, 44.6952



35.3258, 34.7195, 50.1269



37.0611, 34.7195, 31.6596



30.7783, 34.7195, 27.6862

Rectangle

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



29.2467, 34.7195, 44.6952



32.2371, 34.7195, 52.0438



37.0611, 34.7195, 31.6596



33.7745, 34.7195, 26.4314

Sweetspot

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



29.2477, 34.7209, 44.6960



64.6067, 70.5497, 81.0181



26.6083, 35.4643, 25.2501



13.8357, 15.1957, 17.5915



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.



29.2477, 34.7209, 44.6960



49.2648, 59.9408, 79.7790



25.0720, 26.3694, 43.3041



8.1563, 8.9120, 10.2430



13.9420, 19.0179, 31.9805



0.4097, 0.5727, 0.8969

Inverse Universe

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



31.0468, 25.3498, 39.8174



53.0560, 40.6522, 69.3954



31.9462, 32.7869, 22.7347



8.2967, 8.1319, 9.8732



16.9009, 8.2229, 22.9215



0.4812, 0.2332, 0.6957

Previews

White Background



This preview shows how the XYZ color 29.2467, 34.7195, 44.6952 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 29.2467, 34.7195, 44.6952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

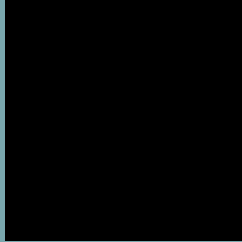
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2467, 34.7195, 44.6952

Background



This preview shows how black text looks on a background with the XYZ color 29.2467, 34.7195, 44.6952.



This preview shows how white text looks on a background with the XYZ color 29.2467, 34.7195,

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

29.2467, 34.7195, 44.6952

Protanopia

33.5000, 34.6147, 41.4749

Deuteranopia

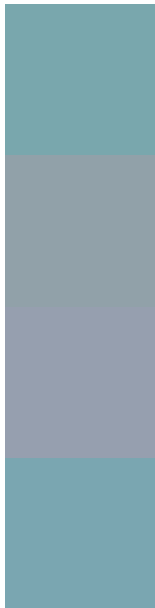
35.1180, 34.3528, 45.8541



Tritanopia

29.7989, 34.6647, 47.7682

Trichromacy



Original Color

29.2467, 34.7195, 44.6952

Protanomaly

31.5834, 34.3741, 42.5064

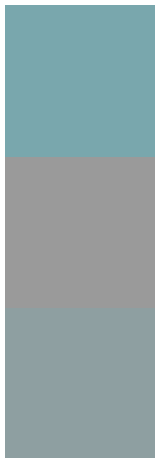
Deuteranomaly

32.7137, 34.3754, 45.4684

Tritanomaly

29.5981, 34.5843, 46.7104

Monochromacy



Original Color

29.2467, 34.7195, 44.6952

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9865, 33.1203, 38.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2467, 34.7195, 44.6952 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(121, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(121, 167, 173)  
}
```

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(121, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 167, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.2467, 34.7195, 44.6952 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(121, 167, 173) }
```


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

```
.border{ border-color:rgb(121, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(121, 167,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2467, 34.7195, 44.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 167, 173) }
```

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

```
.background{ background-color: rgb(121,  
167, 173) }
```

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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