

Converting Colors

XYZ(14.3161, 17.5238, 22.7010)

Have a look what the booklet for
XYZ(14.3161, 17.5238, 22.7010)
contains.

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Color

**XYZ(14.3071, 17.4476,
22.6923)**

Conversions

Conversions Part 1

Format	Color
Hex	517B7F
RGB	81, 123, 127
RGB Percent	32%, 48%, 50%
CMY	0.6823, 0.5176, 0.5020
CMYK	0.36, 0.03, 0.00, 0.50
HSL	185°, 22%, 41%
HSV	185°, 36%, 50%
XYZ	14.3071, 17.4476, 22.6923
YIQ	110.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

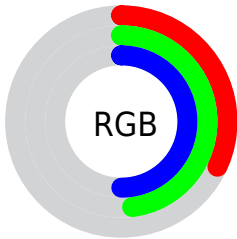
Format	Color
RYB	81, 103, 127
Decimal	5340031
CIELab	48.82, -13.42, -6.82
CIElCh	49, 15.052, 206.945
Yxy	17.4476, 0.2628, 0.3205
Android (android.graphics.Color)	4283530111 (0xFF517B7F)
YUV	110.8980, 7.9383, -26.2205
Hunter-Lab	41.7703, -11.9586, -2.9709

Details

The XYZ color **14.3071, 17.4476, 22.6923** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.4864, 11.6033, 9.3139**, and the grayscale version is **15.0635, 15.8480, 17.2585**.

A 20% lighter version of the original color is **33.2793, 39.2515, 49.0023**, and **4.4196, 5.7547, 8.0856** is the 20% darker color. If you saturate the color by 10%, you get **13.1829, 16.6663, 22.6010**, and if you desaturate by 10%, it is **15.6374, 18.3383, 22.7944**.

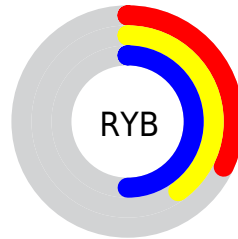
Distribution



Red (32%)

Green (48%)

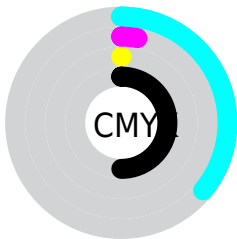
Blue (50%)



Red (32%)

Yellow (40%)

Blue (50%)

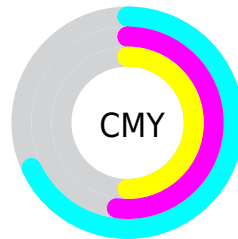


Cyan (36%)

Magenta (3%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3071, 17.4476, 22.6923 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 14.3071, 17.4476, 22.6923 by changing the saturation by 10% instead.

■ 14.3071, 17.4476,
22.6923

■ 14.3071, 17.4476,
22.6923

212.6056,
237.7387, 279.2111

■ 8.4177, 10.5541,
14.1633

■ 33.2147, 39.0938,
48.8044

■ 4.4174, 5.7679,
8.0943

■ 46.9636, 54.6153,
67.2245

■ 1.9409, 2.7045,
4.0667

■ 64.0630, 73.7815,
89.7788

■ 0.6004, 0.9795,
1.6620

■ 84.8783, 96.9770,
116.8858

■ 0.0000, 0.0000,
0.3345

■ 109.7749,
124.5861, 148.9639

■ 0.0000, 0.0000,
0.0000

139.1180,

156.9931, 186.4319

173.2732,
194.5825, 229.7081

■ 14.3071, 17.4476,
22.6923

■ 14.3071, 17.4476,
22.6923

■ 13.1829, 16.6663,
22.6010

■ 15.6374, 18.3383,
22.7944

■ 12.2520, 15.9865,
22.5189

■ 17.1829, 19.3418,
22.9066

■ 11.5023, 15.4025,
22.4457

■ 18.9538, 20.4637,
23.0299

■ 10.9199, 14.9069,
22.3807

■ 20.9592, 21.7090,
23.1645

■ 10.4888, 14.4916,
22.3233

■ 23.2079, 23.0819,
23.3110

■ 10.1801, 14.1416,
22.2720

■ 25.7080, 24.5868,
23.4697

■ 10.0718, 14.0142,
22.2531

■ 28.4675, 26.2277,
23.6410

■ 31.4937, 28.0085,
23.8252

■ 34.7939, 29.9329,
24.0227

Harmonies

Analogous

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



14.0484, 17.4476, 18.5914



14.3071, 17.4476, 22.6923



15.1641, 17.4476, 26.1846

Triad

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



14.3071, 17.4476, 22.6923



18.9328, 17.4476, 23.4993



16.7267, 17.4476, 12.3172

Complementary

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



14.3071, 17.4476, 22.6923



13.4864, 11.6033, 9.3139

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.



18.0887, 17.4476, 13.2629



14.3071, 17.4476, 22.6923



19.4064, 17.4476, 19.4095

Square

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



14.3071, 17.4476, 22.6923



17.8278, 17.4476, 26.6944



19.0892, 17.4476, 15.7272



15.3983, 17.4476, 12.9436

Rectangle

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



14.3071, 17.4476, 22.6923



15.9854, 17.4476, 27.4989



19.0892, 17.4476, 15.7272



17.1962, 17.4476, 12.4581

Sweetspot

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



14.3076, 17.4483, 22.6927



32.2907, 35.6051, 41.1268



12.6162, 17.5816, 11.2888



7.4783, 8.2842, 9.6232



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.3076, 17.4483, 22.6927



24.0190, 30.1365, 40.5073



11.7977, 12.4284, 21.8561



4.4155, 4.8250, 5.5119



10.1571, 14.1326, 22.4425



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2704, 11.8274, 20.2178



26.0251, 18.6931, 35.2903



15.5830, 15.7965, 10.0128



4.4826, 4.4062, 5.3456



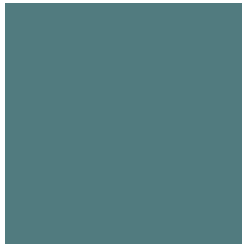
12.0038, 5.8212, 17.1415



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3071, 17.4476, 22.6923 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 14.3071, 17.4476, 22.6923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

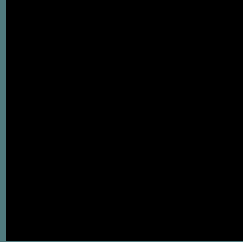
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3071, 17.4476, 22.6923

Background



This preview shows how black text looks on a background with the XYZ color 14.3071, 17.4476, 22.6923.



This preview shows how white text looks on a background with the XYZ color 14.3071, 17.4476,

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

14.3071, 17.4476, 22.6923

Protanopia

16.8460, 17.3796, 20.8791

Deuteranopia

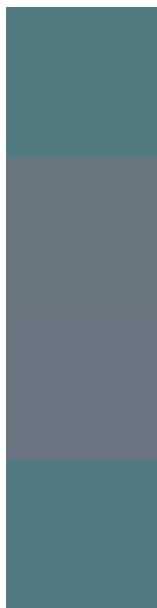
17.5023, 17.1664, 23.1598



Tritanopia

14.6041, 17.3788, 24.4145

Trichromacy



Original Color

14.3071, 17.4476, 22.6923

Protanomaly

15.7100, 17.2957, 21.5792

Deuteranomaly

16.0855, 17.1135, 22.8775

Tritanomaly

14.4685, 17.3246, 23.7005

Monochromacy



Original Color

14.3071, 17.4476, 22.6923

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5971, 16.2551, 19.1978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3071, 17.4476, 22.6923 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(81, 123, 127)` looks like.

```
.text, #text, p{  
    color:rgb(81, 123, 127)  
}
```

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(81, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 123, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.3071, 17.4476, 22.6923 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(81, 123, 127) }
```


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

```
.border{ border-color:rgb(81, 123, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(81, 123,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3071, 17.4476, 22.6923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 123, 127) }
```

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

```
.background{ background-color: rgb(81, 123,  
127) }
```

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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