

Converting Colors

XYZ(14.6498, 17.7941, 23.4314)

Have a look what the booklet for
XYZ(14.6498, 17.7941, 23.4314)
contains.

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Color

**XYZ(14.6498, 17.7941,
23.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	527C81
RGB	82, 124, 129
RGB Percent	32%, 49%, 51%
CMY	0.6784, 0.5137, 0.4941
CMYK	0.36, 0.04, 0.00, 0.49
HSL	186°, 22%, 41%
HSV	186°, 36%, 51%
XYZ	14.6498, 17.7941, 23.4314
YIQ	112.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

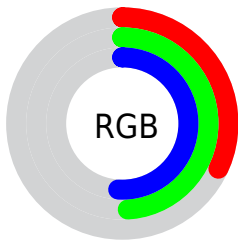
Format	Color
R_{YB}	82, 104, 129
Decimal	5405825
CIE Lab	49.25, -13.15, -7.36
CIE LCh	49, 15.068, 209.236
Yxy	17.7941, 0.2622, 0.3185
Android (android.graphics.Color)	4283595905 (0xFF527C81)
YUV	112.0120, 8.3751, -26.3205
Hunter-Lab	42.1831, -11.8289, -3.4056

Details

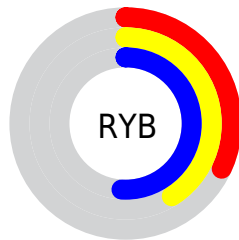
The XYZ color **14.6498, 17.7941, 23.4314** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.9848, 12.0931, 9.5803**, and the grayscale version is **15.3869, 16.1882, 17.6289**.

A 20% lighter version of the original color is **33.8385, 39.8082, 50.1562**, and **4.5597, 5.9184, 8.4915** is the 20% darker color. If you saturate the color by 10%, you get **13.4612, 16.9283, 23.3272**, and if you desaturate by 10%, it is **16.0528, 18.7749, 23.5471**.

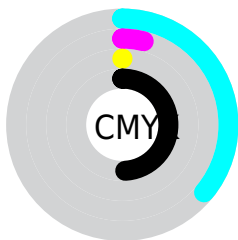
Distribution



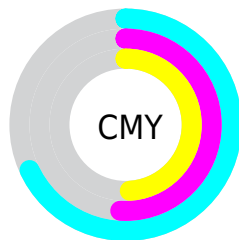
- Red (32%)
- Green (49%)
- Blue (51%)



- Red (32%)
- Yellow (41%)
- Blue (51%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6498, 17.7941, 23.4314 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 14.6498, 17.7941, 23.4314 by changing the saturation by 10% instead.

■ 14.6498, 17.7941,
23.4314

■ 14.6498, 17.7941,
23.4314

214.6673,
239.7079, 283.1265

■ 8.6587, 10.8023,
14.7041

■ 33.8144, 39.6862,
50.0329

■ 4.5746, 5.9340,
8.4677

■ 47.7185, 55.3552,
68.7441

■ 2.0320, 2.8050,
4.3036

■ 64.9911, 74.6854,
91.6204

■ 0.6519, 1.0308,
1.7933

■ 85.9974, 98.0612,
119.0802

■ 0.0000, 0.0000,
0.4235

■ 111.1028,
125.8669, 151.5423

■ 0.0000, 0.0000,
0.0000

140.6727,

158.4870, 189.4249

175.0724,
196.3059, 233.1468

■ 14.6498, 17.7941,
23.4314

■ 14.6498, 17.7941,
23.4314

■ 13.4612, 16.9283,
23.3272

■ 16.0528, 18.7749,
23.5471

■ 12.4735, 16.1691,
23.2328

■ 17.6795, 19.8741,
23.6735

■ 11.6743, 15.5107,
23.1478

■ 19.5407, 21.0978,
23.8116

■ 11.0489, 14.9453,
23.0716

■ 21.6459, 22.4508,
23.9618

■ 10.5806, 14.4645,
23.0035

■ 24.0041, 23.9379,
24.1246

■ 10.2390, 14.0525,
22.9420

■ 26.6238, 25.5635,
24.3002

■ 10.1253, 13.9105,
22.9206

■ 29.5132, 27.3317,
24.4893

■ 32.6802, 29.2466,
24.6920

■ 36.1321, 31.3121,
24.9087

Harmonies

Analogous

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



14.3376, 17.7941, 19.2712



14.6498, 17.7941, 23.4314



15.5600, 17.7941, 26.8641

Triad

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



14.6498, 17.7941, 23.4314



19.3578, 17.7941, 23.6360



16.9490, 17.7941, 12.5861

Complementary

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



14.6498, 17.7941, 23.4314



13.9848, 12.0931, 9.5803

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.



18.3417, 17.7941, 13.4253



14.6498, 17.7941, 23.4314



19.7792, 17.7941, 19.4787

Square

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



14.6498, 17.7941, 23.4314



18.2755, 17.7941, 26.9933



19.3975, 17.7941, 15.8156



15.6195, 17.7941, 13.3442

Rectangle

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



14.6498, 17.7941, 23.4314



16.4101, 17.7941, 28.0737



19.3975, 17.7941, 15.8156



17.4255, 17.7941, 12.6886

Sweetspot

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



14.6503, 17.7948, 23.4318



33.3308, 36.6951, 42.5186



13.0384, 18.1780, 11.7747



7.4620, 8.2516, 9.6178



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.



14.6503, 17.7948, 23.4318



24.3818, 30.5199, 41.7984



12.0769, 12.6479, 22.5740



4.4086, 4.8112, 5.5096



9.8739, 13.5662, 22.3481



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.7091, 12.1575, 20.5882



26.6195, 18.9603, 35.7091



16.1742, 16.4719, 10.3101



4.4791, 4.4048, 5.3273



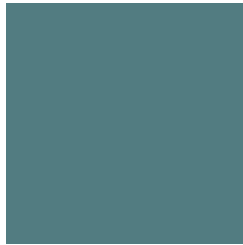
11.8608, 5.7640, 16.3888



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6498, 17.7941, 23.4314 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 14.6498, 17.7941, 23.4314 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 × Fail

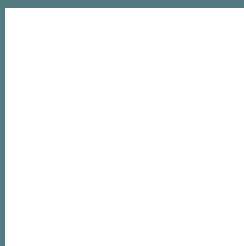
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6498, 17.7941, 23.4314

Background



This preview shows how black text looks on a background with the XYZ color 14.6498, 17.7941, 23.4314.



This preview shows how white text looks on a background with the XYZ color 14.6498, 17.7941,

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

14.6498, 17.7941, 23.4314

Protanopia

17.2196, 17.7279, 21.5830

Deuteranopia

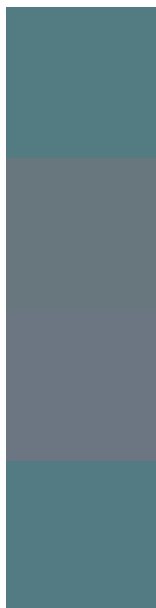
17.9992, 17.7383, 23.9479



Tritanopia

14.8839, 17.6984, 24.8220

Trichromacy



Original Color

14.6498, 17.7941, 23.4314

Protanomaly

16.0716, 17.6431, 22.2970

Deuteranomaly

16.5711, 17.6944, 23.6611

Tritanomaly

14.8151, 17.6709, 24.4598

Monochromacy



Original Color

14.6498, 17.7941, 23.4314

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8822, 16.5655, 19.5526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6498, 17.7941, 23.4314 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(82, 124, 129) looks like.

```
.text, #text, p{  
    color:rgb(82, 124, 129)  
}
```

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(82, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 124, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.6498, 17.7941, 23.4314 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(82, 124, 129) }
```


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

```
.border{ border-color:rgb(82, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(82, 124,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6498, 17.7941, 23.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 124, 129) }
```

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

```
.background{ background-color: rgb(82, 124,  
129) }
```

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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