

Converting Colors

XYZ(14.2326, 17.6793, 18.8820)

Have a look what the booklet for
XYZ(14.2326, 17.6793, 18.8820)
contains.

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Color

**XYZ(14.2326, 17.6793,
18.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	577C73
RGB	87, 124, 115
RGB Percent	34%, 49%, 45%
CMY	0.6588, 0.5137, 0.5490
CMYK	0.30, 0.00, 0.07, 0.51
HSL	165°, 18%, 41%
HSV	165°, 30%, 49%
XYZ	14.2326, 17.6793, 18.8820
YIQ	111.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

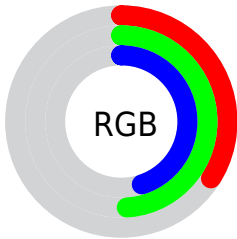
Format	Color
R_{YB}	87, 108, 124
Decimal	5733491
CIE _{Lab}	49.10, -15.11, 0.72
CIE _{LCh}	49, 15.129, 177.274
Yxy	17.6793, 0.2802, 0.3481
Android (android.graphics.Color)	4283923571 (0xFF577C73)
YUV	111.9110, 1.5229, -21.8469
Hunter-Lab	42.0468, -13.1605, 2.8073

Details

The XYZ color **14.2326, 17.6793, 18.8820** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.8322, 11.9464, 12.6437**, and the grayscale version is **15.3750, 16.1757, 17.6154**.

A 20% lighter version of the original color is **33.1784, 39.6376, 42.4613**, and **4.3659, 5.8687, 6.2129** is the 20% darker color. If you saturate the color by 10%, you get **13.0022, 17.0652, 17.9333**, and if you desaturate by 10%, it is **15.6686, 18.3996, 19.8707**.

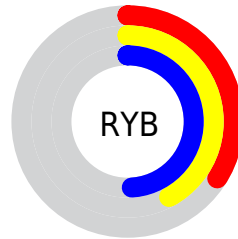
Distribution



Red (34%)

Green (49%)

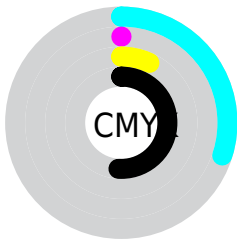
Blue (45%)



Red (34%)

Yellow (42%)

Blue (49%)

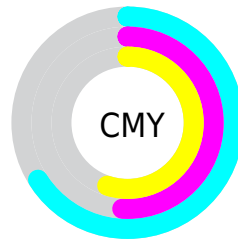


Cyan (30%)

Magenta (0%)

Yellow (7%)

Black (51%)



Cyan (66%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2326, 17.6793, 18.8820 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 14.2326, 17.6793, 18.8820 by changing the saturation by 10% instead.

■ 14.2326, 17.6793,
18.8820

■ 14.2326, 17.6793,
18.8820

212.1549,
239.0572, 258.1975

■ 8.3654, 10.7200,
11.4091

■ 33.0840, 39.4901,
42.3687

■ 4.3834, 5.8789,
6.2251

■ 46.7989, 55.1104,
59.2195

■ 1.9212, 2.7716,
2.9114

■ 63.8605, 74.3864,
80.0334

■ 0.5891, 1.0137,
1.0496

■ 84.6340, 97.7026,
105.2288

■ 0.0000, 0.0000,
0.0000

■ 109.4848,
125.4434, 135.2245

138.7783,

157.9932, 170.4388

172.8799,
195.7363, 211.2903

■ 14.2326, 17.6793,
18.8820

■ 14.2326, 17.6793,
18.8820

■ 13.0022, 17.0652,
17.9333

■ 15.6686, 18.3996,
19.8707

■ 11.9657, 16.5500,
17.0227

■ 17.3181, 19.2290,
20.8990

■ 11.1125, 16.1285,
16.1498

■ 19.1906, 20.1726,
21.9679

■ 10.4302, 15.7946,
15.3137

■ 21.2945, 21.2348,
23.0781

■ 9.9051, 15.5411,
14.5135

■ 23.6377, 22.4196,
24.2303

■ 9.5212, 15.3597,
13.7481

■ 26.2277, 23.7311,
25.4250

■ 9.2257, 15.2233,
13.0147

■ 29.0719, 25.1728,
26.6629

■ 9.2210, 15.2211,
13.0032

■ 32.1770, 26.7484,
27.9445

■ 35.5498, 28.4613,
29.2704

Harmonies

Analogous

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



14.6195, 17.6793, 15.3412



14.2326, 17.6793, 18.8820



14.5020, 17.6793, 23.0412

Triad

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



14.2326, 17.6793, 18.8820



18.0800, 17.6793, 27.0294



18.3161, 17.6793, 13.4163

Complementary

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



14.2326, 17.6793, 18.8820



13.8322, 11.9464, 12.6437

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.



19.3368, 17.6793, 15.8988



14.2326, 17.6793, 18.8820



19.1952, 17.6793, 23.7715

Square

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



14.2326, 17.6793, 18.8820



16.6747, 17.6793, 28.1177



19.6670, 17.6793, 19.6222



16.9332, 17.6793, 12.4750

Rectangle

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



14.2326, 17.6793, 18.8820



15.0264, 17.6793, 25.5522



19.6670, 17.6793, 19.6222



18.7158, 17.6793, 14.0795

Sweetspot

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



14.2331, 17.6800, 18.8824



30.6691, 33.9350, 36.8914



13.7787, 17.6045, 11.6888



7.1330, 7.9469, 8.6348



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.2331, 17.6800, 18.8824



23.4898, 30.3337, 32.0485



13.6713, 15.6866, 21.3768



4.0674, 4.4966, 4.8886



9.3726, 15.4727, 13.2129



44.3599, 73.6670, 61.1924

Inverse Universe

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



13.8322, 11.9464, 12.6437



22.6636, 18.4863, 19.1680



14.2387, 13.3851, 10.8502



4.0346, 4.0296, 4.3799



8.6896, 4.4520, 1.6563



41.1615, 21.1210, 6.3808

Previews

White Background



This preview shows how the XYZ color 14.2326, 17.6793, 18.8820 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 14.2326, 17.6793, 18.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

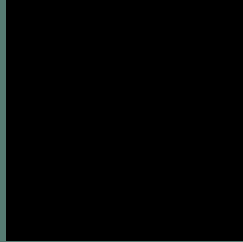
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2326, 17.6793, 18.8820

Background



This preview shows how black text looks on a background with the XYZ color 14.2326, 17.6793, 18.8820.



This preview shows how white text looks on a background with the XYZ color 14.2326, 17.6793,

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

14.2326, 17.6793, 18.8820

Protanopia

16.8056, 17.6096, 17.2651

Deuteranopia

17.8684, 17.6066, 19.2863



Tritanopia

15.3707, 17.7819, 24.0949

Trichromacy



Original Color

14.2326, 17.6793, 18.8820

Protanomaly

15.7058, 17.5516, 17.8893

Deuteranomaly

16.1958, 17.4283, 19.0334

Tritanomaly

15.0011, 17.8202, 22.0510

Monochromacy



Original Color

14.2326, 17.6793, 18.8820

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8195, 16.5666, 18.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2326, 17.6793, 18.8820 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(87, 124, 115)` looks like.

```
.text, #text, p{  
    color:rgb(87, 124, 115)  
}
```

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(87, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 124, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.2326, 17.6793, 18.8820 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(87, 124, 115) }
```


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

```
.border{ border-color:rgb(87, 124, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 124, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 124, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 124, 115);  
box-shadow:4px 4px 4px 4px rgb(87, 124,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2326, 17.6793, 18.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 124, 115) }
```

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

```
.background{ background-color: rgb(87, 124,  
115) }
```

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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