

Converting Colors

XYZ(14.3673, 18.3424, 22.1391)

Have a look what the booklet for
XYZ(14.3673, 18.3424, 22.1391)
contains.

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Color

**XYZ(14.4814, 18.4968,
22.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	4D807D
RGB	77, 128, 125
RGB Percent	30%, 50%, 49%
CMY	0.6980, 0.4980, 0.5098
CMYK	0.40, 0.00, 0.02, 0.50
HSL	176°, 25%, 40%
HSV	176°, 40%, 50%
XYZ	14.4814, 18.4968, 22.2090
YIQ	112.4090, -29.4330, -11.7450

Conversions

Conversions Part 2

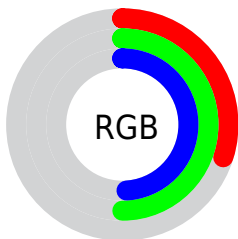
Format	Color
R_{YB}	77, 103, 128
Decimal	5079165
CIE _{Lab}	50.09, -17.83, -3.78
CIE _{LCh}	50, 18.229, 191.955
Yxy	18.4968, 0.2624, 0.3352
Android (android.graphics.Color)	4283269245 (0xFF4D807D)
YUV	112.4090, 6.2074, -31.0537
Hunter-Lab	43.0079, -15.1602, -0.5114

Details

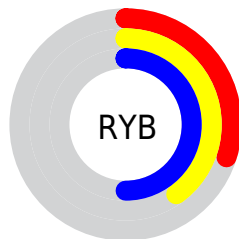
The XYZ color **14.4814, 18.4968, 22.2090** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0046, 10.4766, 8.9269**, and the grayscale version is **15.5103, 16.3180, 17.7703**.

A 20% lighter version of the original color is **33.6130, 40.9292, 48.2480**, and **4.5265, 6.3334, 7.8214** is the 20% darker color. If you saturate the color by 10%, you get **13.5008, 17.9973, 21.9132**, and if you desaturate by 10%, it is **15.6668, 19.1028, 22.5171**.

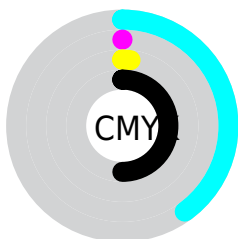
Distribution



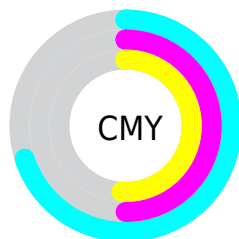
- Red (30%)
- Green (50%)
- Blue (49%)



- Red (30%)
- Yellow (40%)
- Blue (50%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4814, 18.4968, 22.2090 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 14.4814, 18.4968, 22.2090 by changing the saturation by 10% instead.

■ 14.4814, 18.4968,
22.2090

■ 14.4814, 18.4968,
22.2090

213.6566,
243.6565, 276.6248

■ 8.5402, 11.3072,
13.8108

■ 33.5200, 40.8821,
47.9978

■ 4.4972, 6.2739,
7.8519

■ 47.3480, 56.8466,
66.2254

■ 1.9871, 3.0123,
3.9139

■ 64.5358, 76.5048,
88.5666

■ 0.6267, 1.1382,
1.5782

■ 85.4485, 100.2413,
115.4399

■ 0.0000, 0.0103,
0.2752

■ 110.4516,
128.4403, 147.2639

■ 0.0000, 0.0000,
0.0000

139.9104,

161.4862, 184.4569

174.1903,
199.7635, 227.4378

■ 14.4814, 18.4968,
22.2090

■ 14.4814, 18.4968,
22.2090

■ 13.5008, 17.9973,
21.9132

■ 15.6668, 19.1028,
22.5171

■ 12.7112, 17.5957,
21.6279

■ 17.0663, 19.8186,
22.8367

■ 12.1001, 17.2861,
21.3528

■ 18.6906, 20.6503,
23.1687

■ 11.6525, 17.0608,
21.0872

■ 20.5494, 21.6028,
23.5137

■ 11.3511, 16.9108,
20.8304

■ 22.6515, 22.6808,
23.8719

■ 11.1414, 16.8080,
20.5797

■ 25.0057, 23.8886,
24.2439

■ 11.1382, 16.8065,
20.5758

■ 27.6199, 25.2304,
24.6300

■ 30.5020, 26.7103,
25.0305

■ 33.6593, 28.3321,
25.4459

Harmonies

Analogous

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



14.5631, 18.4968, 17.2918



14.4814, 18.4968, 22.2090



15.1884, 18.4968, 27.3172

Triad

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



14.4814, 18.4968, 22.2090



19.9348, 18.4968, 28.2166



18.6469, 18.4968, 12.2770

Complementary

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



14.4814, 18.4968, 22.2090



13.0046, 10.4766, 8.9269

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.



20.2117, 18.4968, 14.3447



14.4814, 18.4968, 22.2090



20.9887, 18.4968, 23.2846

Square

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



14.4814, 18.4968, 22.2090



18.2890, 18.4968, 31.1524



21.0933, 18.4968, 18.2034



16.8908, 18.4968, 12.0869

Rectangle

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



14.4814, 18.4968, 22.2090



16.0412, 18.4968, 29.9312



21.0933, 18.4968, 18.2034



19.2156, 18.4968, 12.7572

Sweetspot

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



14.4819, 18.4975, 22.2094



32.1733, 35.9811, 40.6463



12.4014, 17.6979, 9.7839



7.4611, 8.3875, 9.5021



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.



14.4819, 18.4975, 22.2094



23.8851, 31.7447, 38.6179



12.1011, 13.4244, 22.3763



4.4358, 4.8827, 5.4664



11.0440, 16.6642, 20.4025



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0046, 10.4766, 8.9269



20.8993, 15.5191, 11.7627



14.7136, 14.0683, 8.9615



4.3372, 4.3480, 4.5804



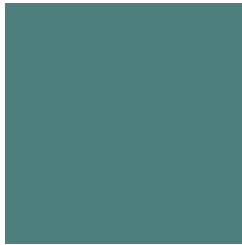
8.8682, 4.5670, 0.6296



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4814, 18.4968, 22.2090 looks on a white 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

Black Background



This preview shows how the XYZ color 14.4814, 18.4968, 22.2090 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

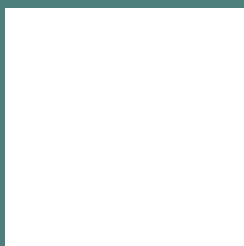
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4814, 18.4968, 22.2090

Background



This preview shows how black text looks on a background with the XYZ color 14.4814, 18.4968, 22.2090.



This preview shows how white text looks on a background with the XYZ color 14.4814, 18.4968,

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

14.4814, 18.4968, 22.2090

Protanopia

17.6934, 18.3537, 20.0628

Deuteranopia

18.6312, 18.2556, 22.9638



Tritanopia

15.2131, 18.4048, 26.0432

Trichromacy



Original Color

14.4814, 18.4968, 22.2090

Protanomaly

16.2364, 18.3028, 20.7662

Deuteranomaly

16.7316, 18.1534, 22.7008

Tritanomaly

14.9787, 18.5070, 24.6125

Monochromacy



Original Color

14.4814, 18.4968, 22.2090

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8349, 16.8939, 19.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4814, 18.4968, 22.2090 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(77, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(77, 128, 125)  
}
```

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(77, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.4814, 18.4968, 22.2090 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(77, 128, 125) }
```


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

```
.border{ border-color:rgb(77, 128, 125) }
```

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

Here you see how a box with a 4 pixel rgb(77, 128, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(77, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4814, 18.4968, 22.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 128, 125) }
```

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

```
.background{ background-color: rgb(77, 128,  
125) }
```

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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