

Converting Colors

XYZ(19.7142, 24.2413, 24.0936)

Have a look what the booklet for
XYZ(19.7142, 24.2413, 24.0936)
contains.

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Color

**XYZ(19.7821, 24.3292,
24.0755)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8F80
RGB	107, 143, 128
RGB Percent	42%, 56%, 50%
CMY	0.5804, 0.4392, 0.4980
CMYK	0.25, 0.00, 0.10, 0.44
HSL	155°, 14%, 49%
HSV	155°, 25%, 56%
XYZ	19.7821, 24.3292, 24.0755
YIQ	130.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

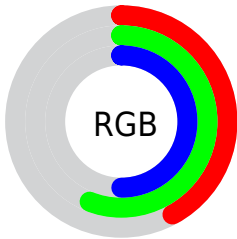
Format	Color
RYB	107, 130, 143
Decimal	7049088
CIELab	56.42, -15.83, 3.92
CIElCh	56, 16.303, 166.104
Yxy	24.3292, 0.2901, 0.3568
Android (android.graphics.Color)	4285239168 (0xFF6B8F80)
YUV	130.5260, -1.2453, -20.6323
Hunter-Lab	49.3246, -14.7291, 5.5876

Details

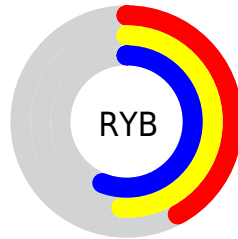
The XYZ color **19.7821, 24.3292, 24.0755** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0990, 17.7607, 20.7820**, and the grayscale version is **21.4136, 22.5287, 24.5338**.

A 20% lighter version of the original color is **42.6048, 50.6396, 51.2450**, and **7.0706, 9.2928, 8.8182** is the 20% darker color. If you saturate the color by 10%, you get **17.8223, 23.3636, 21.9964**, and if you desaturate by 10%, it is **22.0506, 25.4527, 26.2903**.

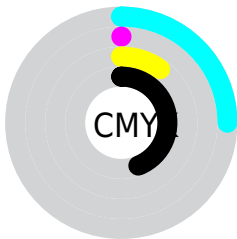
Distribution



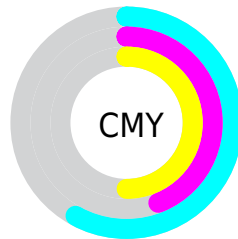
- Red (42%)
- Green (56%)
- Blue (50%)



- Red (42%)
- Yellow (51%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (58%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7821, 24.3292, 24.0755 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 19.7821, 24.3292, 24.0755 by changing the saturation by 10% instead.

■ 19.7821, 24.3292,
24.0755

■ 19.7821, 24.3292,
24.0755

243.5892,
274.4806, 286.5008

■ 12.3441, 15.5780,
15.1769

■ 42.5583, 50.5669,
51.0988

■ 7.0523, 9.2260,
8.7956

■ 58.6272, 68.8221,
70.0605

■ 3.5415, 4.8889,
4.5131

■ 78.3038, 91.0142,
93.2137

■ 1.4462, 2.1822,
1.9109

■ 101.9534,
117.5275, 120.9770

■ 0.2888, 0.7103,
0.4996

129.9413,
148.7464, 153.7687

■ 0.0000, 0.0000,
0.0000

162.6331,

185.0553, 192.0076

200.3939,
226.8385, 236.1121

■ 19.7821, 24.3292,
24.0755

■ 19.7821, 24.3292,
24.0755

■ 17.8223, 23.3636,
21.9964

■ 22.0506, 25.4527,
26.2903

■ 16.1549, 22.5454,
20.0488

■ 24.6393, 26.7378,
28.6419

■ 14.7650, 21.8677,
18.2302

■ 27.5613, 28.1920,
31.1332

■ 13.6356, 21.3217,
16.5378

■ 30.8286, 29.8215,
33.7668

■ 12.7475, 20.8977,
14.9685

■ 34.4524, 31.6319,
36.5451

■ 12.0791, 20.5845,
13.5188

■ 38.4436, 33.6288,
39.4704

■ 11.6007, 20.3669,
12.1852

■ 42.8124, 35.8175,
42.5449

■ 11.4003, 20.2768,
11.5808

■ 47.5686, 38.2029,
45.7709

■ 52.7219, 40.7901,
49.1505

Harmonies

Analogous

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



20.6102, 24.3292, 19.9270



19.7821, 24.3292, 24.0755



19.8147, 24.3292, 29.4744

Triad

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



19.7821, 24.3292, 24.0755



24.1439, 24.3292, 37.7635



25.7286, 24.3292, 19.6941

Complementary

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



19.7821, 24.3292, 24.0755



20.0990, 17.7607, 20.7820

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.



26.7831, 24.3292, 23.7149



19.7821, 24.3292, 24.0755



25.8347, 24.3292, 34.3565

Square

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



19.7821, 24.3292, 24.0755



22.2648, 24.3292, 37.8948



26.8229, 24.3292, 29.0615



24.0053, 24.3292, 17.6397

Rectangle

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



19.7821, 24.3292, 24.0755



20.3184, 24.3292, 33.0878



26.8229, 24.3292, 29.0615



26.1770, 24.3292, 20.8339

Sweetspot

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



19.7828, 24.3302, 24.0760



42.6740, 47.1610, 50.0043



20.5883, 24.8890, 17.6291



9.6358, 10.7405, 11.3318



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.7828, 24.3302, 24.0760



33.4434, 42.5911, 41.0522



20.4881, 24.0419, 29.5485



5.4665, 6.0788, 6.4223



10.0902, 17.9319, 10.2950



0.1075, 0.1758, 0.1564

Inverse Universe

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



20.0990, 17.7607, 20.7820



34.1068, 28.8234, 34.1524



19.4936, 17.9245, 16.3425



5.4963, 5.4590, 6.1113



10.7374, 5.4520, 4.2684



0.1132, 0.0564, 0.0964

Previews

White Background



This preview shows how the XYZ color 19.7821, 24.3292, 24.0755 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 19.7821, 24.3292, 24.0755 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

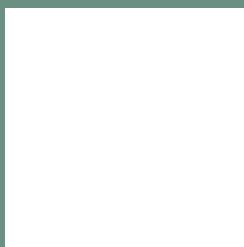
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7821, 24.3292, 24.0755

Background



This preview shows how black text looks on a background with the XYZ color 19.7821, 24.3292, 24.0755.

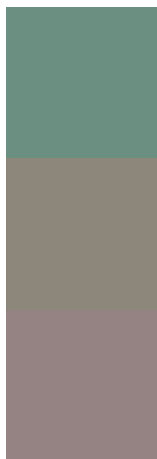


This preview shows how white text looks on a background with the XYZ color 19.7821, 24.3292,

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

19.7821, 24.3292, 24.0755

Protanopia

22.9155, 24.0557, 22.1743

Deuteranopia

24.4738, 23.9935, 24.8140



Tritanopia

21.6461, 24.4353, 32.8538

Trichromacy



Original Color

19.7821, 24.3292, 24.0755

Protanomaly

21.5494, 23.9612, 22.8912

Deuteranomaly

22.5248, 24.0080, 24.5659

Tritanomaly

20.9132, 24.3479, 29.5840

Monochromacy



Original Color

19.7821, 24.3292, 24.0755

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7193, 23.0772, 24.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7821, 24.3292, 24.0755 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(107, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 128)  
}
```

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(107, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 128) }
```

Border

The CSS property to change the border of an element to XYZ 19.7821, 24.3292, 24.0755 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(107, 143, 128) }
```


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

```
.border{ border-color:rgb(107, 143, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7821, 24.3292, 24.0755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 128) }
```

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

```
.background{ background-color: rgb(107,  
143, 128) }
```

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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