

Converting Colors

XYZ(19.7735, 24.0062, 28.4024)

Have a look what the booklet for
XYZ(19.7735, 24.0062, 28.4024)
contains.

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Color

**XYZ(19.7735, 24.0062,
28.4024)**

Conversions

Conversions Part 1

Format	Color
Hex	658E8C
RGB	101, 142, 140
RGB Percent	40%, 56%, 55%
CMY	0.6039, 0.4431, 0.4510
CMYK	0.29, 0.00, 0.01, 0.44
HSL	177°, 17%, 48%
HSV	177°, 29%, 56%
XYZ	19.7735, 24.0062, 28.4024
YIQ	129.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

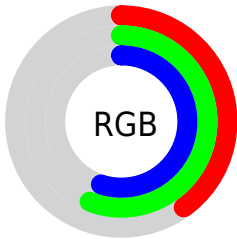
Format	Color
R_{YB}	101, 122, 142
Decimal	6655628
CIE _{Lab}	56.09, -14.48, -3.49
CIE _{LCh}	56, 14.896, 193.547
Yxy	24.0062, 0.2739, 0.3326
Android (android.graphics.Color)	4284845708 (0xFF658E8C)
YUV	129.5130, 5.1701, -25.0059
Hunter-Lab	48.9961, -13.7055, -0.0723

Details

The XYZ color **19.7735, 24.0062, 28.4024** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2581, 16.0382, 14.9664**, and the grayscale version is **21.0353, 22.1308, 24.1004**.

A 20% lighter version of the original color is **42.5024, 50.1024, 57.8827**, and **7.0888, 9.1225, 11.0601** is the 20% darker color. If you saturate the color by 10%, you get **18.2682, 23.2367, 28.0664**, and if you desaturate by 10%, it is **21.5553, 24.9194, 28.7541**.

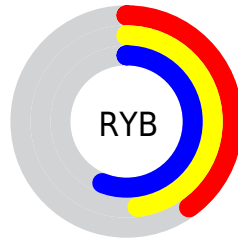
Distribution



Red (40%)

Green (56%)

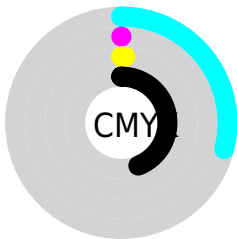
Blue (55%)



Red (40%)

Yellow (48%)

Blue (56%)

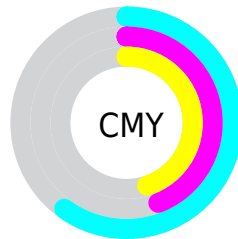


Cyan (29%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7735, 24.0062, 28.4024 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 19.7735, 24.0062, 28.4024 by changing the saturation by 10% instead.

■ 19.7735, 24.0062,
28.4024

■ 19.7735, 24.0062,
28.4024

243.5433,
272.8518, 308.3570

■ 12.3378, 15.3382,
18.3875

■ 42.5440, 50.0403,
58.1571

■ 7.0480, 9.0571,
11.0563

■ 58.6094, 68.1752,
78.7339

■ 3.5387, 4.7784,
5.9900

■ 78.2822, 90.2346,
103.6686

■ 1.4447, 2.1179,
2.7703

■ 101.9277,
116.6028, 133.3795

■ 0.2877, 0.6746,
0.9786

129.9112,
147.6642, 168.2853

■ 0.0000, 0.0000,
0.0000

162.5980,

183.8033, 208.8044

200.3536,
225.4043, 255.3555

■ 19.7735, 24.0062,
28.4024

■ 19.7735, 24.0062,
28.4024

■ 18.2682, 23.2367,
28.0664

■ 21.5553, 24.9194,
28.7541

■ 17.0230, 22.6006,
27.7437

■ 23.6246, 25.9802,
29.1203

■ 16.0235, 22.0912,
27.4342

■ 25.9944, 27.1959,
29.5024

■ 15.2525, 21.6995,
27.1371

■ 28.6762, 28.5724,
29.9007

■ 14.6909, 21.4157,
26.8514

■ 31.6809, 30.1153,
30.3158

■ 14.3164, 21.2283,
26.5762

■ 35.0191, 31.8301,
30.7483

■ 14.0770, 21.1106,
26.3090

■ 38.7006, 33.7218,
31.1985

■ 14.0515, 21.0981,
26.2790

■ 42.7349, 35.7954,
31.6669

■ 47.1314, 38.0556,
32.1540

Harmonies

Analogous

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



19.8127, 24.0062, 23.5664



19.7735, 24.0062, 28.4024



20.5205, 24.0062, 33.1624

Triad

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



19.7735, 24.0062, 28.4024



25.1533, 24.0062, 33.5588



23.7592, 24.0062, 18.1222

Complementary

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



19.7735, 24.0062, 28.4024



18.2581, 16.0382, 14.9664

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.



25.2791, 24.0062, 20.1841



19.7735, 24.0062, 28.4024



26.1110, 24.0062, 28.8916

Square

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



19.7735, 24.0062, 28.4024



23.5945, 24.0062, 36.3804



26.1582, 24.0062, 23.9985



22.0571, 24.0062, 18.0257

Rectangle

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



19.7735, 24.0062, 28.4024



21.3865, 24.0062, 35.4873



26.1582, 24.0062, 23.9985



24.3103, 24.0062, 18.5955

Sweetspot

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



19.7742, 24.0072, 28.4029



41.5357, 45.7491, 51.3283



17.6220, 23.1731, 15.8566



9.1653, 10.1608, 11.4453



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.7742, 24.0072, 28.4029



32.9974, 41.3752, 49.6745



17.4015, 19.0233, 28.3470



5.5490, 6.1118, 6.8571



12.6176, 18.9429, 23.6041



0.1229, 0.1820, 0.2376

Inverse Universe

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



18.2581, 16.0382, 14.9664



29.8514, 24.8328, 21.7878



20.1557, 19.9923, 15.1091



5.4189, 5.4281, 5.7039



10.0520, 5.1778, 0.6591



0.0978, 0.0502, 0.0153

Previews

White Background



This preview shows how the XYZ color 19.7735, 24.0062, 28.4024 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 19.7735, 24.0062, 28.4024 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

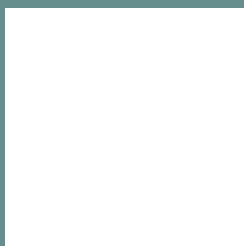
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7735, 24.0062, 28.4024

Background



This preview shows how black text looks on a background with the XYZ color 19.7735, 24.0062, 28.4024.



This preview shows how white text looks on a background with the XYZ color 19.7735, 24.0062,

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

19.7735, 24.0062, 28.4024

Protanopia

22.9140, 23.7586, 26.2998

Deuteranopia

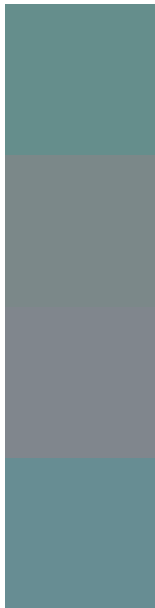
24.1928, 23.7579, 28.9018



Tritanopia

20.6729, 23.9336, 32.8082

Trichromacy



Original Color

19.7735, 24.0062, 28.4024

Protanomaly

21.4879, 23.6254, 27.0945

Deuteranomaly

22.2349, 23.5625, 28.5754

Tritanomaly

20.3849, 24.0399, 31.1695

Monochromacy



Original Color

19.7735, 24.0062, 28.4024

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4359, 22.6934, 25.8574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7735, 24.0062, 28.4024 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(101, 142, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 142, 140)  
}
```

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(101, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.7735, 24.0062, 28.4024 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(101, 142, 140) }
```


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

```
.border{ border-color:rgb(101, 142, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 142, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7735, 24.0062, 28.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 142, 140) }
```

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

```
.background{ background-color: rgb(101,  
142, 140) }
```

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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