

Converting Colors

XYZ(19.6774, 24.2599, 24.7646)

Have a look what the booklet for
XYZ(19.6774, 24.2599, 24.7646)
contains.

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Color

**XYZ(19.6774, 24.2599,
24.7646)**

Conversions

Conversions Part 1

Format	Color
Hex	698F82
RGB	105, 143, 130
RGB Percent	41%, 56%, 51%
CMY	0.5882, 0.4392, 0.4902
CMYK	0.27, 0.00, 0.09, 0.44
HSL	159°, 15%, 49%
HSV	159°, 27%, 56%
XYZ	19.6774, 24.2599, 24.7646
YIQ	130.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

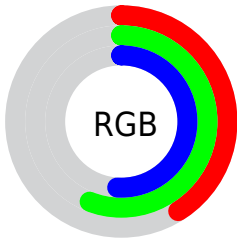
Format	Color
RYB	105, 128, 143
Decimal	6918018
CIELab	56.35, -16.05, 2.65
CIElCh	56, 16.271, 170.613
Yxy	24.2599, 0.2864, 0.3531
Android (android.graphics.Color)	4285108098 (0xFF698F82)
YUV	130.1560, -0.0769, -22.0618
Hunter-Lab	49.2543, -14.8833, 4.6676

Details

The XYZ color **19.6774, 24.2599, 24.7646** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6501, 17.2514, 19.4347**, and the grayscale version is **21.2788, 22.3869, 24.3794**.

A 20% lighter version of the original color is **42.4181, 50.5195, 52.3153**, and **7.0304, 9.2635, 9.2021** is the 20% darker color. If you saturate the color by 10%, you get **17.8165, 23.3382, 23.0041**, and if you desaturate by 10%, it is **21.8378, 25.3354, 26.6217**.

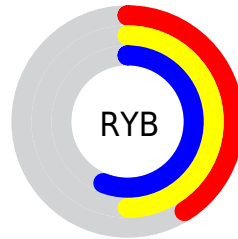
Distribution



Red (41%)

Green (56%)

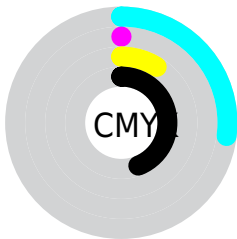
Blue (51%)



Red (41%)

Yellow (50%)

Blue (56%)

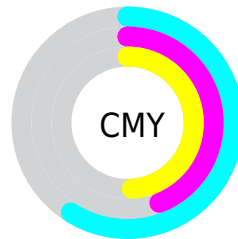


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6774, 24.2599, 24.7646 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 19.6774, 24.2599, 24.7646 by changing the saturation by 10% instead.

■ 19.6774, 24.2599,
24.7646

■ 19.6774, 24.2599,
24.7646

243.0303,
274.1318, 290.0737

■ 12.2677, 15.5265,
15.6843

■ 42.3837, 50.4540,
52.2345

■ 6.9997, 9.1897,
9.1491

■ 58.4111, 68.6835,
71.4611

■ 3.5083, 4.8652,
4.7404

■ 78.0416, 90.8472,
94.9070

■ 1.4279, 2.1684,
2.0397

■ 101.6407,
117.3294, 122.9907

■ 0.2760, 0.7027,
0.5795

129.5738,
148.5146, 156.1306

■ 0.0000, 0.0000,
0.0000

162.2062,

184.7871, 194.7454

199.9032,
226.5314, 239.2536

■ 19.6774, 24.2599,
24.7646

■ 19.6774, 24.2599,
24.7646

■ 17.8165, 23.3382,
23.0041

■ 21.8378, 25.3354,
26.6217

■ 16.2386, 22.5601,
21.3367

■ 24.3090, 26.5687,
28.5755

■ 14.9289, 21.9185,
19.7611

■ 27.1041, 27.9671,
30.6282

■ 13.8704, 21.4045,
18.2754

■ 30.2349, 29.5367,
32.7813

■ 13.0438, 21.0085,
16.8775

■ 33.7128, 31.2833,
35.0365

■ 12.4270, 20.7189,
15.5651

■ 37.5483, 33.2123,
37.3953

■ 11.9842, 20.5174,
14.3352

■ 41.7517, 35.3290,
39.8591

■ 11.8467, 20.4554,
13.9315

■ 46.3327, 37.6385,
42.4294

■ 51.3009, 40.1456,
45.1075

Harmonies

Analogous

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



20.3796, 24.2599, 20.3835



19.6774, 24.2599, 24.7646



19.8423, 24.2599, 30.2239

Triad

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



19.6774, 24.2599, 24.7646



24.3525, 24.2599, 37.3195



25.4253, 24.2599, 19.2040

Complementary

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



19.6774, 24.2599, 24.7646



19.6501, 17.2514, 19.4347

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.



26.6043, 24.2599, 22.9402



19.6774, 24.2599, 24.7646



25.9620, 24.2599, 33.5322

Square

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



19.6774, 24.2599, 24.7646



22.4746, 24.2599, 37.9824



26.8059, 24.2599, 28.1369



23.6520, 24.2599, 17.4725

Rectangle

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



19.6774, 24.2599, 24.7646



20.4254, 24.2599, 33.7314



26.8059, 24.2599, 28.1369



25.9082, 24.2599, 20.2412

Sweetspot

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



19.6781, 24.2609, 24.7651



42.7875, 47.2064, 50.6022



19.8850, 24.5385, 17.0532



9.6661, 10.7526, 11.4911



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.



19.6781, 24.2609, 24.7651



33.1426, 42.4058, 42.4039



19.7727, 22.9641, 29.3782



5.4829, 6.0854, 6.5089



10.4843, 18.0896, 12.3704



0.1106, 0.1771, 0.1729

Inverse Universe

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



19.6501, 17.2514, 19.4347



33.0852, 27.6343, 31.1785



19.5300, 18.1637, 15.8415



5.4803, 5.4526, 6.0272



10.5137, 5.3625, 3.0906



0.1101, 0.0551, 0.0800

Previews

White Background



This preview shows how the XYZ color 19.6774, 24.2599, 24.7646 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 19.6774, 24.2599, 24.7646 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 19.6774, 24.2599, 24.7646

Background



This preview shows how black text looks on a background with the XYZ color 19.6774, 24.2599, 24.7646.



This preview shows how white text looks on a background with the XYZ color 19.6774, 24.2599,

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

19.6774, 24.2599, 24.7646

Protanopia

22.8742, 24.0198, 22.8327

Deuteranopia

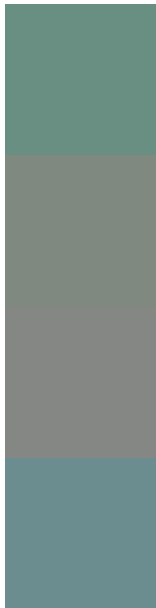
24.4290, 23.9546, 25.5265



Tritanopia

21.2707, 24.2417, 32.8362

Trichromacy



Original Color

19.6774, 24.2599, 24.7646

Protanomaly

21.5288, 23.9357, 23.5640

Deuteranomaly

22.3446, 23.8994, 25.2652

Tritanomaly

20.6671, 24.2211, 29.5725

Monochromacy



Original Color

19.6774, 24.2599, 24.7646

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5784, 23.0046, 24.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6774, 24.2599, 24.7646 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(105, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 143, 130)  
}
```

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(105, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 143, 130) }
```

Border

The CSS property to change the border of an element to XYZ 19.6774, 24.2599, 24.7646 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(105, 143, 130) }
```


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

```
.border{ border-color:rgb(105, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 143,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6774, 24.2599, 24.7646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 143, 130) }
```

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

```
.background{ background-color: rgb(105,  
143, 130) }
```

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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