

Converting Colors

XYZ(17.3624, 19.6672, 24.0714)

Have a look what the booklet for
XYZ(17.3624, 19.6672, 24.0714)
contains.

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Color

**XYZ(17.4443, 19.7937,
24.0202)**

Conversions

Conversions Part 1

Format	Color
Hex	697F82
RGB	105, 127, 130
RGB Percent	41%, 50%, 51%
CMY	0.5882, 0.5019, 0.4902
CMYK	0.19, 0.02, 0.00, 0.49
HSL	187°, 11%, 46%
HSV	187°, 19%, 51%
XYZ	17.4443, 19.7937, 24.0202
YIQ	120.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

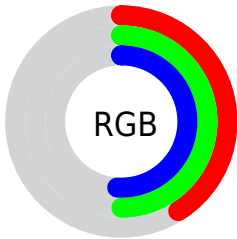
Format	Color
R_{YB}	105, 117, 130
Decimal	6913922
CIE _{Lab}	51.60, -7.25, -4.29
CIE _{LCh}	52, 8.421, 210.623
Yxy	19.7937, 0.2848, 0.3231
Android (android.graphics.Color)	4285104002 (0xFF697F82)
YUV	120.7640, 4.5533, -13.8250
Hunter-Lab	44.4901, -7.8689, -0.8676

Details

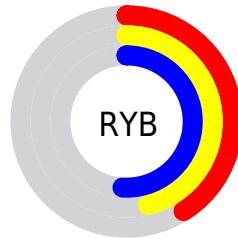
The XYZ color **17.4443, 19.7937, 24.0202** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1184, 16.4908, 15.6457**, and the grayscale version is **18.0873, 19.0292, 20.7228**.

A 20% lighter version of the original color is **38.7731, 43.2295, 51.1003**, and **5.8969, 6.9127, 8.8081** is the 20% darker color. If you saturate the color by 10%, you get **15.8330, 18.6669, 23.8880**, and if you desaturate by 10%, it is **19.2933, 21.0487, 24.1653**.

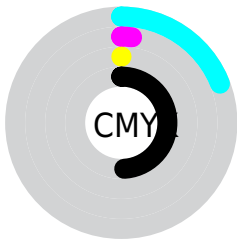
Distribution



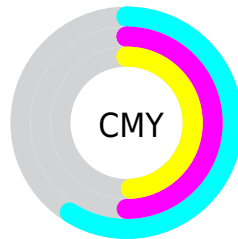
- Red (41%)
- Green (50%)
- Blue (51%)



- Red (41%)
- Yellow (46%)
- Blue (51%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4443, 19.7937, 24.0202 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 17.4443, 19.7937, 24.0202 by changing the saturation by 10% instead.

■ 17.4443, 19.7937,
24.0202

■ 17.4443, 19.7937,
24.0202

230.8266,
250.7961, 286.2124

■ 10.6490, 12.2452,
15.1363

■ 38.6257, 43.0710,
51.0074

■ 5.8969, 6.9109,
8.7674

■ 53.7425, 59.5686,
69.9478

■ 2.8226, 3.4064,
4.4950

■ 72.3639, 79.8180,
93.0773

■ 1.0606, 1.3474,
1.9007

■ 94.8551, 104.2037,
120.8147

■ 0.0000, 0.1775,
0.4932

121.5817,
133.1099, 153.5783

■ 0.0000, 0.0000,
0.0000

152.9089,

166.9211, 191.7868

189.2021,
206.0217, 235.8587

■ 17.4443, 19.7937,
24.0202

■ 17.4443, 19.7937,
24.0202

■ 15.8330, 18.6669,
23.8880

■ 19.2933, 21.0487,
24.1653

■ 14.4471, 17.6605,
23.7667

■ 21.3883, 22.4345,
24.3224

■ 13.2758, 16.7692,
23.6564

■ 23.7391, 23.9569,
24.4923

■ 12.3066, 15.9868,
23.5565

■ 26.3545, 25.6205,
24.6756

■ 11.5260, 15.3060,
23.4662

■ 29.2430, 27.4295,
24.8725

■ 10.9185, 14.7191,
23.3850

■ 32.4126, 29.3882,
25.0835

■ 10.4662, 14.2166,
23.3118

■ 35.8711, 31.5005,
25.3090

■ 10.1192, 13.7729,
23.2445

■ 39.6258, 33.7703,
25.5492

■ 10.0931, 13.7393,
23.2393

■ 43.6839, 36.2013,
25.8045

Harmonies

Analogous

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



17.2290, 19.7937, 21.6028



17.4443, 19.7937, 24.0202



18.0245, 19.7937, 25.8844

Triad

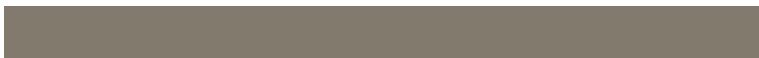
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.4443, 19.7937, 24.0202



20.2708, 19.7937, 23.9257



18.7956, 19.7937, 17.2102

Complementary

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



17.4443, 19.7937, 24.0202



17.1184, 16.4908, 15.6457

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.



19.6249, 19.7937, 17.7322



17.4443, 19.7937, 24.0202



20.4919, 19.7937, 21.5012

Square

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



17.4443, 19.7937, 24.0202



19.6565, 19.7937, 25.8270



20.2522, 19.7937, 19.2589



17.9946, 19.7937, 17.7768

Rectangle

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



17.4443, 19.7937, 24.0202



18.5488, 19.7937, 26.4973



20.2522, 19.7937, 19.2589



19.0803, 19.7937, 17.2637

Sweetspot

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



17.4449, 19.7945, 24.0206



35.0712, 37.7980, 42.6398



16.5110, 20.0498, 17.1642



7.8966, 8.5277, 9.6482



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.



17.4449, 19.7945, 24.0206



29.4535, 33.9805, 42.1990



15.9386, 16.7819, 23.5185



4.4038, 4.8017, 5.5080



9.6808, 13.1801, 22.2837



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.0887, 16.3816, 22.2882



30.8107, 26.8825, 38.5252



18.5227, 19.2994, 16.1138



4.4767, 4.4038, 5.3146



11.7634, 5.7251, 15.8757



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4443, 19.7937, 24.0202 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 17.4443, 19.7937, 24.0202 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

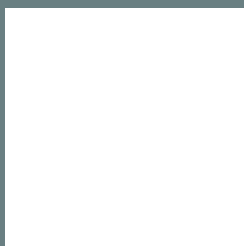
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4443, 19.7937, 24.0202

Background



This preview shows how black text looks on a background with the XYZ color 17.4443, 19.7937, 24.0202.



This preview shows how white text looks on a background with the XYZ color 17.4443, 19.7937,

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

17.4443, 19.7937, 24.0202

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

20.1218, 19.6849, 24.5688



Tritanopia

17.8486, 19.7635, 26.1666

Trichromacy



Original Color

17.4443, 19.7937, 24.0202

Protanomaly

18.4401, 19.7557, 23.2634

Deuteranomaly

19.0823, 19.6953, 24.2686

Tritanomaly

17.7078, 19.7071, 25.4248

Monochromacy



Original Color

17.4443, 19.7937, 24.0202

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7913, 19.2660, 21.8498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4443, 19.7937, 24.0202 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, 127, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 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, 127, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.4443, 19.7937, 24.0202 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, 127, 130) }
```


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

```
.border{ border-color:rgb(105, 127, 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, 127, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4443, 19.7937, 24.0202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 130) }
```

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

```
.background{ background-color: rgb(105,  
127, 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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