

Converting Colors

XYZ(19.2697, 22.7826, 24.9249)

Have a look what the booklet for
XYZ(19.2697, 22.7826, 24.9249)
contains.

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Color

**XYZ(19.2267, 22.7182,
24.8444)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8983
RGB	108, 137, 131
RGB Percent	42%, 54%, 51%
CMY	0.5765, 0.4627, 0.4863
CMYK	0.21, 0.00, 0.04, 0.46
HSL	168°, 12%, 48%
HSV	168°, 21%, 54%
XYZ	19.2267, 22.7182, 24.8444
YIQ	127.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

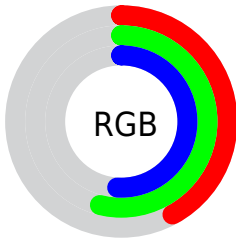
Format	Color
RYB	108, 124, 137
Decimal	7113091
CIELab	54.78, -11.58, -0.18
CIELCh	55, 11.580, 180.879
Yxy	22.7182, 0.2879, 0.3401
Android (android.graphics.Color)	4285303171 (0xFF6C8983)
YUV	127.6450, 1.6540, -17.2287
Hunter-Lab	47.6636, -11.4074, 2.4599

Details

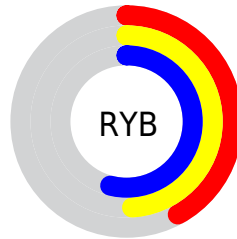
The XYZ color **19.2267, 22.7182, 24.8444** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7171, 17.2589, 18.2653**, and the grayscale version is **20.3937, 21.4558, 23.3653**.

A 20% lighter version of the original color is **41.5624, 47.7612, 52.3757**, and **6.7947, 8.3862, 9.2432** is the 20% darker color. If you saturate the color by 10%, you get **17.5003, 21.8507, 23.7745**, and if you desaturate by 10%, it is **21.2216, 23.7247, 25.9553**.

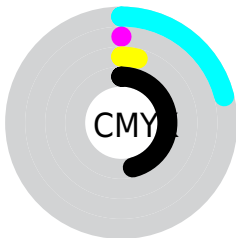
Distribution



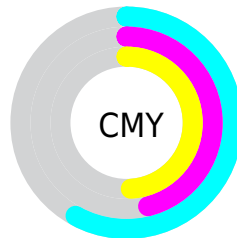
- Red (42%)
- Green (54%)
- Blue (51%)



- Red (42%)
- Yellow (49%)
- Blue (54%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (58%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2267, 22.7182, 24.8444 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 19.2267, 22.7182, 24.8444 by changing the saturation by 10% instead.

■ 19.2267, 22.7182,
24.8444

■ 19.2267, 22.7182,
24.8444

240.6116,
266.2743, 290.4850

■ 11.9392, 14.3856,
15.7432

■ 41.6307, 47.9302,
52.3657

■ 6.7742, 8.3893,
9.1902

■ 57.4780, 65.5783,
71.6228

■ 3.3663, 4.3451,
4.7670

■ 76.9091, 87.1005,
95.1024

■ 1.3503, 1.8684,
2.0549

■ 100.2896,
112.8809, 123.2229

■ 0.2204, 0.5293,
0.5887

127.9847,
143.3042, 156.4028

■ 0.0000, 0.0000,
0.0000

160.3599,

178.7545, 195.0608

197.7804,
219.6164, 239.6153

■ 19.2267, 22.7182,
24.8444

■ 19.2267, 22.7182,
24.8444

■ 17.5003, 21.8507,
23.7745

■ 21.2216, 23.7247,
25.9553

■ 16.0281, 21.1131,
22.7433

■ 23.4943, 24.8732,
27.1063

■ 14.7976, 20.4994,
21.7504

■ 26.0565, 26.1703,
28.2988

■ 13.7944, 20.0023,
20.7949

■ 28.9181, 27.6212,
29.5335

■ 13.0024, 19.6136,
19.8760

■ 32.0890, 29.2308,
30.8108

■ 12.4036, 19.3238,
18.9924

■ 35.5783, 31.0040,
32.1316

■ 11.9768, 19.1222,
18.1430

■ 39.3950, 32.9453,
33.4964

■ 11.6876, 18.9888,
17.4185

■ 43.5475, 35.0591,
34.9059

■ 48.0440, 37.3497,
36.3605

Harmonies

Analogous

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



19.5155, 22.7182, 21.4653



19.2267, 22.7182, 24.8444



19.5508, 22.7182, 28.5289

Triad

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



19.2267, 22.7182, 24.8444



22.8796, 22.7182, 31.2851



22.8117, 22.7182, 19.0807

Complementary

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



19.2267, 22.7182, 24.8444



18.7171, 17.2589, 18.2653

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.



23.7726, 22.7182, 21.2956



19.2267, 22.7182, 24.8444



23.8128, 22.7182, 28.3237

Square

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



19.2267, 22.7182, 24.8444



21.6307, 22.7182, 32.4660



24.1458, 22.7182, 24.6284



21.5553, 22.7182, 18.3425

Rectangle

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



19.2267, 22.7182, 24.8444



20.0785, 22.7182, 30.6111



24.1458, 22.7182, 24.6284



23.1818, 22.7182, 19.6657

Sweetspot

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



19.2273, 22.7191, 24.8449



39.9884, 43.4878, 47.5079



18.6294, 22.5715, 17.5624



8.9204, 9.7294, 10.6310



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2273, 22.7191, 24.8449



33.0180, 39.9727, 43.6418



18.5221, 20.6386, 26.6755



5.1292, 5.6712, 6.2016



10.8908, 17.6889, 16.2474



0.0775, 0.1196, 0.1351

Inverse Universe

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



18.7171, 17.2589, 18.2653



31.9492, 28.5264, 29.8527



19.2944, 18.9425, 16.8269



5.0725, 5.0644, 5.4701



9.8128, 5.0352, 1.5187



0.0696, 0.0352, 0.0334

Previews

White Background



This preview shows how the XYZ color 19.2267, 22.7182, 24.8444 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 19.2267, 22.7182, 24.8444 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 19.2267, 22.7182, 24.8444

Background



This preview shows how black text looks on a background with the XYZ color 19.2267, 22.7182, 24.8444.



This preview shows how white text looks on a background with the XYZ color 19.2267, 22.7182,

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

19.2267, 22.7182, 24.8444

Protanopia

21.6449, 22.5659, 23.2935

Deuteranopia

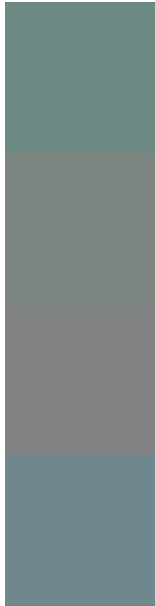
22.9783, 22.6230, 25.3459



Tritanopia

20.4078, 22.7828, 30.5160

Trichromacy



Original Color

19.2267, 22.7182, 24.8444

Protanomaly

20.7413, 22.6935, 23.7092

Deuteranomaly

21.4871, 22.6444, 25.0681

Tritanomaly

20.0423, 22.8464, 28.5528

Monochromacy



Original Color

19.2267, 22.7182, 24.8444

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.9639, 21.8825, 23.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2267, 22.7182, 24.8444 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(108, 137, 131)` looks like.

```
.text, #text, p{  
    color:rgb(108, 137, 131)  
}
```

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(108, 137, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 137, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.2267, 22.7182, 24.8444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

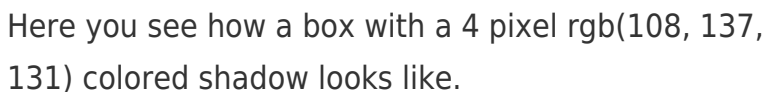
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 137, 131) }
```


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

```
.border{ border-color:rgb(108, 137, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 137, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 137, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 137, 131); box-shadow:4px 4px 4px 4px rgb(108, 137, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2267, 22.7182, 24.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 137, 131) }
```

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

```
.background{ background-color: rgb(108,  
137, 131) }
```

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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