

Converting Colors

XYZ(19.8143, 21.9482, 24.7786)

Have a look what the booklet for
XYZ(19.8143, 21.9482, 24.7786)
contains.

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Color

**XYZ(19.8192, 21.9928,
24.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	768483
RGB	118, 132, 131
RGB Percent	46%, 52%, 51%
CMY	0.5373, 0.4823, 0.4863
CMYK	0.11, 0.00, 0.01, 0.48
HSL	176°, 6%, 49%
HSV	176°, 11%, 52%
XYZ	19.8192, 21.9928, 24.6732
YIQ	127.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

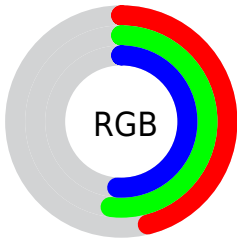
Format	Color
R_{YB}	118, 125, 132
Decimal	7767171
CIE _{Lab}	54.02, -5.31, -1.21
CIE _{LCh}	54, 5.447, 192.825
Yxy	21.9928, 0.2981, 0.3308
Android (android.graphics.Color)	4285957251 (0xFF768483)
YUV	127.7000, 1.6269, -8.5069
Hunter-Lab	46.8965, -6.6319, 1.6339

Details

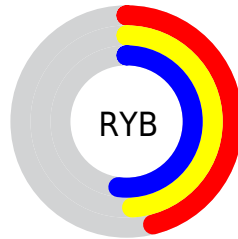
The XYZ color **19.8192, 21.9928, 24.6732** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.3247, 19.1948, 20.1402**, and the grayscale version is **20.4110, 21.4740, 23.3851**.

A 20% lighter version of the original color is **42.5783, 46.7047, 52.1182**, and **7.1420, 8.0978, 9.1692** is the 20% darker color. If you saturate the color by 10%, you get **18.0870, 21.1078, 24.2598**, and if you desaturate by 10%, it is **21.8041, 23.0092, 25.1024**.

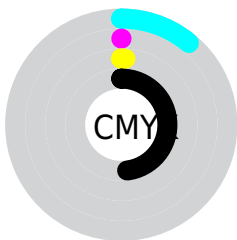
Distribution



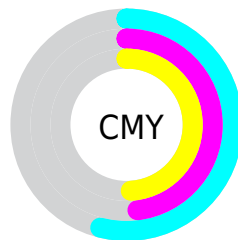
- Red (46%)
- Green (52%)
- Blue (51%)



- Red (46%)
- Yellow (49%)
- Blue (52%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8192, 21.9928, 24.6732 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 19.8192, 21.9928, 24.6732 by changing the saturation by 10% instead.

■ 19.8192, 21.9928,
24.6732

■ 19.8192, 21.9928,
24.6732

243.7869,
262.5087, 289.6019

■ 12.3712, 13.8516,
15.6169

■ 42.6201, 46.7341,
52.0841

■ 7.0710, 8.0175,
9.1021

■ 58.7037, 64.1030,
71.2758

■ 3.5533, 4.1062,
4.7101

■ 78.3966, 85.3166,
94.6831

■ 1.4526, 1.7331,
2.0225

102.0640,
110.7592, 122.7245

■ 0.2933, 0.4450,
0.5690

130.0714,
140.8154, 155.8185

■ 0.0000, 0.0000,
0.0000

162.7841,

175.8694, 194.3837

200.5675,
216.3057, 238.8387

■ 19.8192, 21.9928,
24.6732

■ 19.8192, 21.9928,
24.6732

■ 18.0870, 21.1078,
24.2598

■ 21.8041, 23.0092,
25.1024

■ 16.5954, 20.3461,
23.8603

■ 24.0496, 24.1593,
25.5463

■ 15.3337, 19.7029,
23.4745

■ 26.5656, 25.4488,
26.0060

■ 14.2902, 19.1721,
23.1020

■ 29.3609, 26.8822,
26.4819

■ 13.4516, 18.7470,
22.7421

■ 32.4438, 28.4638,
26.9742

■ 12.8038, 18.4200,
22.3942

■ 35.8225, 30.1978,
27.4835

■ 12.3302, 18.1828,
22.0574

■ 39.5045, 32.0881,
28.0101

■ 12.0119, 18.0256,
21.7308

■ 43.4974, 34.1386,
28.5544

■ 11.7991, 17.9223,
21.4309

■ 47.8084, 36.3530,
29.1166

Harmonies

Analogous

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



19.8407, 21.9928, 23.0019



19.8192, 21.9928, 24.6732



20.0843, 21.9928, 26.2182

Triad

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



19.8192, 21.9928, 24.6732



21.6824, 21.9928, 26.4034



21.2395, 21.9928, 20.9810

Complementary

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



19.8192, 21.9928, 24.6732



19.3247, 19.1948, 20.1402

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.



21.7447, 21.9928, 21.8098



19.8192, 21.9928, 24.6732



22.0036, 21.9928, 24.9164

Square

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



19.8192, 21.9928, 24.6732



21.1558, 21.9928, 27.2482



22.0266, 21.9928, 23.2341



20.6533, 21.9928, 20.9228

Rectangle

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



19.8192, 21.9928, 24.6732



20.3908, 21.9928, 26.9474



22.0266, 21.9928, 23.2341



21.4247, 21.9928, 21.1769

Sweetspot

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



19.8198, 21.9937, 24.6737



37.5043, 40.0670, 44.0273



19.1526, 21.7452, 20.3276



8.6697, 9.2967, 10.2373



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.8198, 21.9937, 24.6737



34.0492, 38.2992, 43.2623



19.1189, 20.4826, 24.7768



4.7876, 5.2733, 5.8928



11.4247, 17.3527, 20.7537



0.0406, 0.0605, 0.0775

Inverse Universe

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



19.3247, 19.1948, 20.1402



32.9759, 32.2315, 33.4343



19.9733, 20.5878, 20.0610



4.6851, 4.6937, 4.9541



9.2646, 4.7702, 0.6997



0.0329, 0.0169, 0.0068

Previews

White Background



This preview shows how the XYZ color 19.8192, 21.9928, 24.6732 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 19.8192, 21.9928, 24.6732 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

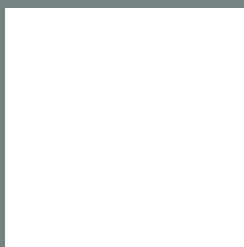
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8192, 21.9928, 24.6732

Background



This preview shows how black text looks on a background with the XYZ color 19.8192, 21.9928, 24.6732.



This preview shows how white text looks on a background with the XYZ color 19.8192, 21.9928,

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

19.8192, 21.9928, 24.6732

Protanopia

21.0417, 21.8486, 23.8771

Deuteranopia

22.3137, 21.9086, 24.8825



Tritanopia

20.5361, 21.8814, 28.3405

Trichromacy



Original Color

19.8192, 21.9928, 24.6732

Protanomaly

20.4837, 21.7478, 24.2372

Deuteranomaly

21.3997, 22.0098, 24.9502

Tritanomaly

20.2394, 21.9607, 26.8390

Monochromacy



Original Color

19.8192, 21.9928, 24.6732

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.1249, 21.5706, 23.8717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8192, 21.9928, 24.6732 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(118, 132, 131) looks like.

```
.text, #text, p{  
    color:rgb(118, 132, 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(118, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 132, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.8192, 21.9928, 24.6732 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(118, 132, 131) }
```


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

```
.border{ border-color:rgb(118, 132, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 132,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8192, 21.9928, 24.6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 132, 131) }
```

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

```
.background{ background-color: rgb(118,  
132, 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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