

Converting Colors

XYZ(21.3991, 21.5863, 24.2309)

Have a look what the booklet for
XYZ(21.3991, 21.5863, 24.2309)
contains.

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Color

**XYZ(21.4818, 21.6843,
24.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	877E82
RGB	135, 126, 130
RGB Percent	53%, 49%, 51%
CMY	0.4706, 0.5059, 0.4902
CMYK	0.00, 0.07, 0.04, 0.47
HSL	333°, 4%, 51%
HSV	333°, 7%, 53%
XYZ	21.4818, 21.6843, 24.1724
YIQ	129.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

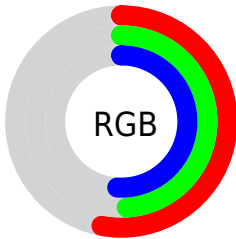
Format	Color
R_{YB}	135, 126, 130
Decimal	8879746
CIE Lab	53.69, 4.18, -0.95
CIE LCh	54, 4.282, 347.239
Yxy	21.6843, 0.3190, 0.3220
Android (android.graphics.Color)	4287069826 (0xFF877E82)
YUV	129.1470, 0.4205, 5.1331
Hunter-Lab	46.5664, 0.8536, 1.8193

Details

The XYZ color **21.4818, 21.6843, 24.1724** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3657, 23.4028, 24.8649**, and the grayscale version is **20.9158, 22.0051, 23.9635**.

A 20% lighter version of the original color is **45.4064, 46.3505, 51.3531**, and **7.8854, 7.8331, 8.8809** is the 20% darker color. If you saturate the color by 10%, you get **19.3855, 18.2682, 21.0793**, and if you desaturate by 10%, it is **23.8490, 25.5829, 27.5375**.

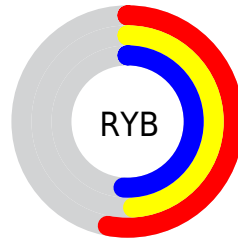
Distribution



Red (53%)

Green (49%)

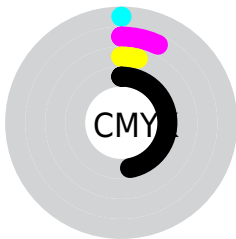
Blue (51%)



Red (53%)

Yellow (49%)

Blue (51%)

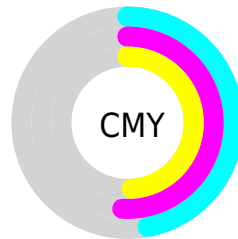


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4818, 21.6843, 24.1724 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 21.4818, 21.6843, 24.1724 by changing the saturation by 10% instead.

■ 21.4818, 21.6843,
24.1724

■ 21.4818, 21.6843,
24.1724

252.5116,
260.8932, 287.0055

■ 13.5911, 13.6251,
15.2482

■ 45.3733, 46.2237,
51.2587

■ 7.9166, 7.8604,
8.8452

■ 62.1048, 63.4726,
70.2579

■ 4.0930, 4.0057,
4.5449

■ 82.5139, 84.5536,
93.4525

■ 1.7549, 1.6768,
1.9288

106.9660,
109.8511, 121.2611

■ 0.4903, 0.4086,
0.5110

135.8265,
139.7493, 154.1021

■ 0.0000, 0.0000,
0.0000

169.4607,

174.6329, 192.3942

208.2339,
214.8860, 236.5558

■ 21.4818, 21.6843,
24.1724

■ 21.4818, 21.6843,
24.1724

■ 19.3855, 18.2682,
21.0793

■ 23.8490, 25.5829,
27.5375

■ 17.5483, 15.3130,
18.2496

■ 26.4948, 29.9790,
31.1801

■ 15.9600, 12.7994,
15.6763

■ 29.4288, 34.8905,
35.1072

■ 14.6093, 10.7060,
13.3514

■ 32.6597, 40.3333,
39.3253

■ 13.4837, 9.0094,
11.2666

■ 36.1957, 46.3229,
43.8405

■ 12.5696, 7.6837,
9.4128

■ 40.0446, 52.8741,
48.6588

■ 11.8519, 6.7001,
7.7805

■ 44.2142, 60.0010,
53.7860

■ 11.3132, 6.0257,
6.3589

■ 48.7118, 67.7173,
59.2276

■ 10.9235, 5.6019,
5.1330

■ 53.5444, 76.0362,
64.9892

Harmonies

Analogous

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



21.2641, 21.6843, 25.3659



21.4818, 21.6843, 24.1724



21.4635, 21.6843, 22.8704

Triad

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



21.4818, 21.6843, 24.1724



20.3502, 21.6843, 21.2811



20.0177, 21.6843, 25.5125

Complementary

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



21.4818, 21.6843, 24.1724



21.3657, 23.4028, 24.8649

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.



19.7800, 21.6843, 24.3664



21.4818, 21.6843, 24.1724



19.9700, 21.6843, 21.9380

Square

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



21.4818, 21.6843, 24.1724



20.8055, 21.6843, 21.2335



19.7626, 21.6843, 23.0574



20.4162, 21.6843, 26.1587

Rectangle

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



21.4818, 21.6843, 24.1724



21.3199, 21.6843, 22.1159



19.7626, 21.6843, 23.0574



19.9166, 21.6843, 25.1710

Sweetspot

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



21.4824, 21.6852, 24.1729



40.3673, 41.9494, 46.0111



21.1871, 21.4933, 25.9539



9.3620, 9.7370, 10.6747



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.



21.4824, 21.6852, 24.1729



37.8712, 37.8525, 42.4186



21.2769, 21.6953, 22.8060



4.7522, 4.7205, 5.3072



9.9718, 5.0531, 4.4238



0.0381, 0.0189, 0.0342

Inverse Universe

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



21.4824, 21.6852, 24.1729



37.8712, 37.8525, 42.4186



21.5794, 23.3881, 26.2990



4.7522, 4.7205, 5.3072



9.9718, 5.0531, 4.4238



0.0381, 0.0189, 0.0342

Previews

White Background



This preview shows how the XYZ color 21.4818, 21.6843, 24.1724 looks on a white background.

Color Contrast Check

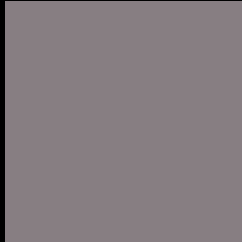
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4818, 21.6843, 24.1724 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 21.4818, 21.6843, 24.1724

Background



This preview shows how black text looks on a background with the XYZ color 21.4818, 21.6843, 24.1724.



This preview shows how white text looks on a background with the XYZ color 21.4818, 21.6843,

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

21.4818, 21.6843, 24.1724

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

22.0521, 21.6025, 24.1265



Tritanopia

21.8601, 21.6507, 25.9485

Trichromacy



Original Color

21.4818, 21.6843, 24.1724

Protanomaly

21.2018, 21.7230, 24.5482

Deuteranomaly

21.8441, 21.6822, 24.1529

Tritanomaly

21.7206, 21.5949, 25.2137

Monochromacy



Original Color

21.4818, 21.6843, 24.1724

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0417, 21.8486, 23.8771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4818, 21.6843, 24.1724 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(135, 126, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 126, 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(135, 126, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 126, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.4818, 21.6843, 24.1724 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(135, 126, 130) }
```


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

```
.border{ border-color:rgb(135, 126, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 126, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 126, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 126, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 126,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4818, 21.6843, 24.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 126, 130) }
```

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

```
.background{ background-color: rgb(135,  
126, 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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