

Converting Colors

XYZ(21.4464, 24.5480, 25.6368)

Have a look what the booklet for
XYZ(21.4464, 24.5480, 25.6368)
contains.

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Color

**XYZ(21.4969, 24.5146,
25.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	798C85
RGB	121, 140, 133
RGB Percent	47%, 55%, 52%
CMY	0.5255, 0.4510, 0.4784
CMYK	0.14, 0.00, 0.05, 0.45
HSL	158°, 8%, 51%
HSV	158°, 14%, 55%
XYZ	21.4969, 24.5146, 25.7891
YIQ	133.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

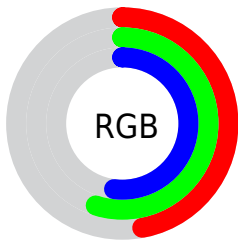
Format	Color
R_{YB}	121, 133, 140
Decimal	7965829
CIE Lab	56.60, -8.29, 1.43
CIE LCh	57, 8.414, 170.228
Yxy	24.5146, 0.2994, 0.3414
Android (android.graphics.Color)	4286155909 (0xFF798C85)
YUV	133.5210, -0.2569, -10.9809
Hunter-Lab	49.5122, -9.1464, 3.7766

Details

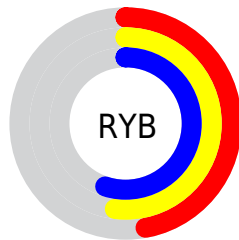
The XYZ color **21.4969, 24.5146, 25.7891** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5498, 20.8094, 23.3040**, and the grayscale version is **22.4883, 23.6594, 25.7651**.

A 20% lighter version of the original color is **45.3883, 51.0130, 53.9086**, and **7.9289, 9.3301, 9.7705** is the 20% darker color. If you saturate the color by 10%, you get **19.3280, 23.4373, 23.8728**, and if you desaturate by 10%, it is **23.9695, 25.7478, 27.8121**.

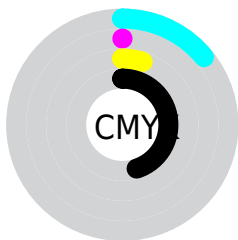
Distribution



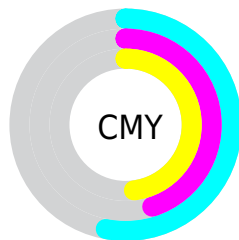
- Red (47%)
- Green (55%)
- Blue (52%)



- Red (47%)
- Yellow (52%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4969, 24.5146, 25.7891 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 21.4969, 24.5146, 25.7891 by changing the saturation by 10% instead.

■ 21.4969, 24.5146,
25.7891

■ 21.4969, 24.5146,
25.7891

252.5896,
275.4119, 295.3177

■ 13.6022, 15.7158,
16.4416

■ 45.3981, 50.8687,
53.9144

■ 7.9244, 9.3233,
9.6794

■ 62.1354, 69.1927,
73.5293

■ 4.0980, 4.9526,
5.0841

■ 82.5509, 91.4606,
97.4037

■ 1.7577, 2.2195,
2.2371

107.0100,
118.0568, 125.9562

■ 0.4920, 0.7306,
0.6957

135.8781,
149.3656, 159.6053

■ 0.0000, 0.0000,
0.0000

169.5205,

185.7714, 198.7696

208.3025,
227.6588, 243.8675

■ 21.4969, 24.5146,
25.7891

■ 21.4969, 24.5146,
25.7891

■ 19.3280, 23.4373,
23.8728

■ 23.9695, 25.7478,
27.8121

■ 17.4481, 22.5064,
22.0596

■ 26.7555, 27.1397,
29.9419

■ 15.8448, 21.7161,
20.3481

■ 29.8665, 28.6972,
32.1808

■ 14.5035, 21.0589,
18.7364

■ 33.3131, 30.4255,
34.5306

■ 13.4085, 20.5268,
17.2222

■ 37.1055, 32.3300,
36.9929

■ 12.5421, 20.1107,
15.8033

■ 41.2531, 34.4154,
39.5694

■ 11.8843, 19.8002,
14.4773

■ 45.7652, 36.6866,
42.2615

■ 11.4111, 19.5832,
13.2417

■ 50.6507, 39.1480,
45.0710

■ 11.1572, 19.4686,
12.4922

■ 55.9183, 41.8042,
47.9993

Harmonies

Analogous

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



21.8855, 24.5146, 23.3949



21.4969, 24.5146, 25.7891



21.5810, 24.5146, 28.5969

Triad

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



21.4969, 24.5146, 25.7891



23.9563, 24.5146, 32.0679



24.5235, 24.5146, 22.7653

Complementary

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



21.4969, 24.5146, 25.7891



21.5498, 20.8094, 23.3040

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.



25.1087, 24.5146, 24.8741



21.4969, 24.5146, 25.7891



24.7750, 24.5146, 30.2857

Square

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



21.4969, 24.5146, 25.7891



22.9829, 24.5146, 32.3557



25.2020, 24.5146, 27.6162



23.6208, 24.5146, 21.7315

Rectangle

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



21.4969, 24.5146, 25.7891



21.8948, 24.5146, 30.3215



25.2020, 24.5146, 27.6162



24.7649, 24.5146, 23.3648

Sweetspot

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



21.4976, 24.5156, 25.7896



42.0211, 45.2744, 48.8446



21.7749, 24.7490, 21.7189



9.6101, 10.3961, 11.1973



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4976, 24.5156, 25.7896



36.7896, 42.6679, 44.5134



21.6770, 24.0743, 28.3165



5.0959, 5.6579, 6.0263



9.9228, 17.3017, 11.1503



0.0730, 0.1178, 0.1114

Inverse Universe

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



21.5498, 20.8094, 23.3040



36.8984, 34.9485, 39.3370



21.3771, 21.1763, 21.0503



5.1041, 5.0771, 5.6367



10.1613, 5.1746, 3.3538



0.0741, 0.0370, 0.0572

Previews

White Background



This preview shows how the XYZ color 21.4969, 24.5146, 25.7891 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 21.4969, 24.5146, 25.7891 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

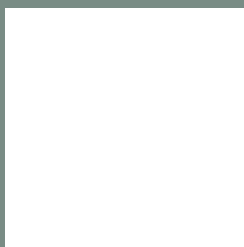
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4969, 24.5146, 25.7891

Background



This preview shows how black text looks on a background with the XYZ color 21.4969, 24.5146, 25.7891.



This preview shows how white text looks on a background with the XYZ color 21.4969, 24.5146,

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

21.4969, 24.5146, 25.7891

Protanopia

23.3407, 24.4286, 24.6041

Deuteranopia

24.8839, 24.3714, 26.3143



Tritanopia

22.8255, 24.6320, 31.9852

Trichromacy



Original Color

21.4969, 24.5146, 25.7891

Protanomaly

22.5581, 24.4355, 25.0003

Deuteranomaly

23.4756, 24.2604, 25.9997

Tritanomaly

22.3589, 24.6594, 29.5679

Monochromacy



Original Color

21.4969, 24.5146, 25.7891

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1605, 23.9967, 26.0181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4969, 24.5146, 25.7891 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(121, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(121, 140, 133)  
}
```

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(121, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 140, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.4969, 24.5146, 25.7891 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(121, 140, 133) }
```


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

```
.border{ border-color:rgb(121, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(121, 140,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4969, 24.5146, 25.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 140, 133) }
```

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

```
.background{ background-color: rgb(121,  
140, 133) }
```

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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