

Converting Colors

XYZ(21.9269, 24.7848, 26.0807)

Have a look what the booklet for
XYZ(21.9269, 24.7848, 26.0807)
contains.

XYZ(21.8495, 24.6884, 26.1680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.8495, 24.6884,
26.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8C86
RGB	123, 140, 134
RGB Percent	48%, 55%, 53%
CMY	0.5176, 0.4510, 0.4745
CMYK	0.12, 0.00, 0.04, 0.45
HSL	159°, 7%, 52%
HSV	159°, 12%, 55%
XYZ	21.8495, 24.6884, 26.1680
YIQ	134.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

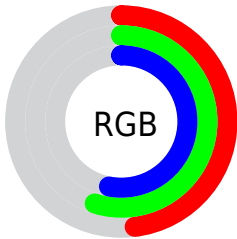
Format	Color
RYB	123, 133, 140
Decimal	8096902
CIELab	56.77, -7.37, 1.12
CIElCh	57, 7.457, 171.362
Yxy	24.6884, 0.3005, 0.3396
Android (android.graphics.Color)	4286286982 (0xFF7B8C86)
YUV	134.2330, -0.1149, -9.8513
Hunter-Lab	49.6874, -8.4596, 3.5560

Details

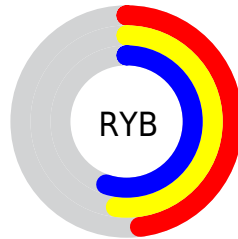
The XYZ color **21.8495, 24.6884, 26.1680** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8615, 21.3269, 23.7342**, and the grayscale version is **22.7488, 23.9335, 26.0636**.

A 20% lighter version of the original color is **46.1659, 51.4015, 54.5020**, and **8.0804, 9.4083, 9.7776** is the 20% darker color. If you saturate the color by 10%, you get **19.6516, 23.5949, 24.3078**, and if you desaturate by 10%, it is **24.3513, 25.9381, 28.1275**.

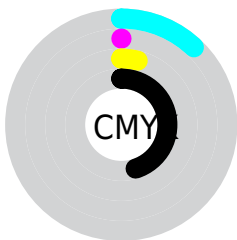
Distribution



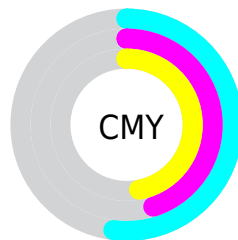
- Red (48%)
- Green (55%)
- Blue (53%)



- Red (48%)
- Yellow (52%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8495, 24.6884, 26.1680 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 21.8495, 24.6884, 26.1680 by changing the saturation by 10% instead.

■ 21.8495, 24.6884,
26.1680

■ 21.8495, 24.6884,
26.1680

254.4065,
276.2826, 297.2375

■ 13.8623, 15.8451,
16.7225

■ 45.9778, 51.1513,
54.5333

■ 8.1060, 9.4146,
9.8770

■ 62.8497, 69.5396,
74.2901

■ 4.2153, 5.0126,
5.2129

■ 83.4139, 91.8783,
98.3210

■ 1.8246, 2.2546,
2.3118

108.0357,
118.5519, 127.0447

■ 0.5324, 0.7495,
0.7378

137.0805,
149.9447, 160.8797

■ 0.0000, 0.0000,
0.0000

170.9137,

186.4412, 200.2444

209.9005,
228.4257, 245.5575

■ 21.8495, 24.6884,
26.1680

■ 21.8495, 24.6884,
26.1680

■ 19.6516, 23.5949,
24.3078

■ 24.3513, 25.9381,
28.1275

■ 17.7433, 22.6483,
22.5437

■ 27.1666, 27.3467,
30.1865

■ 16.1121, 21.8426,
20.8743

■ 30.3071, 28.9211,
32.3470

■ 14.7437, 21.1706,
19.2979

■ 33.7831, 30.6666,
34.6106

■ 13.6226, 20.6244,
17.8126

■ 37.6046, 32.5882,
36.9788

■ 12.7316, 20.1950,
16.4161

■ 41.7812, 34.6909,
39.4531

■ 12.0509, 19.8724,
15.1065

■ 46.3221, 36.9793,
42.0350

■ 11.5577, 19.6448,
13.8812

■ 51.2359, 39.4580,
44.7258

■ 11.2488, 19.5053,
12.9746

■ 56.5313, 42.1314,
47.5269

Harmonies

Analogous

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



22.1824, 24.6884, 23.9983



21.8495, 24.6884, 26.1680



21.9412, 24.6884, 28.6655

Triad

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



21.8495, 24.6884, 26.1680



24.0805, 24.6884, 31.5970



24.5262, 24.6884, 23.3086

Complementary

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



21.8495, 24.6884, 26.1680



21.8615, 21.3269, 23.7342

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.



25.0590, 24.6884, 25.1730



21.8495, 24.6884, 26.1680



24.7973, 24.6884, 29.9868

Square

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



21.8495, 24.6884, 26.1680



23.2151, 24.6884, 31.9042



25.1595, 24.6884, 27.6078



23.7178, 24.6884, 22.4156

Rectangle

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



21.8495, 24.6884, 26.1680



22.2317, 24.6884, 30.1750



25.1595, 24.6884, 27.6078



24.7443, 24.6884, 23.8368

Sweetspot

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



21.8502, 24.6894, 26.1685



42.0324, 45.2789, 48.9040



22.0428, 24.8728, 22.3782



9.6131, 10.3973, 11.2132



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.



21.8502, 24.6894, 26.1685



37.2349, 42.8855, 45.0750



21.9530, 24.2060, 28.3275



5.0991, 5.6591, 6.0429



10.0041, 17.3342, 11.5782



0.0734, 0.1179, 0.1136

Inverse Universe

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



21.8615, 21.3269, 23.7342



37.2596, 35.5671, 39.7775



21.7585, 21.7409, 21.7887



5.1011, 5.0759, 5.6206



10.1191, 5.1578, 3.1316



0.0737, 0.0369, 0.0549

Previews

White Background



This preview shows how the XYZ color 21.8495, 24.6884, 26.1680 looks on a white background.

Color Contrast Check

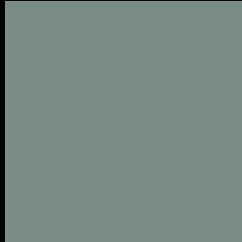
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8495, 24.6884, 26.1680 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

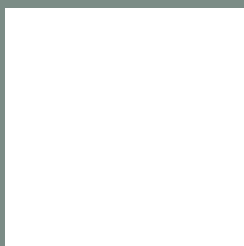
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8495, 24.6884, 26.1680

Background



This preview shows how black text looks on a background with the XYZ color 21.8495, 24.6884, 26.1680.



This preview shows how white text looks on a background with the XYZ color 21.8495, 24.6884,

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

21.8495, 24.6884, 26.1680

Protanopia

23.4082, 24.4556, 24.9594

Deuteranopia

25.0896, 24.6697, 26.7319



Tritanopia

23.1175, 24.7825, 31.9988

Trichromacy



Original Color

21.8495, 24.6884, 26.1680

Protanomaly

22.7834, 24.5438, 25.3664

Deuteranomaly

23.8524, 24.6527, 26.4230

Tritanomaly

22.7241, 24.8388, 29.9822

Monochromacy



Original Color

21.8495, 24.6884, 26.1680

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3132, 24.0754, 26.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8495, 24.6884, 26.1680 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(123, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(123, 140, 134)  
}
```

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(123, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 140, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.8495, 24.6884, 26.1680 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(123, 140, 134) }
```


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

```
.border{ border-color:rgb(123, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(123, 140,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8495, 24.6884, 26.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 140, 134) }
```

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

```
.background{ background-color: rgb(123,  
140, 134) }
```

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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