

Converting Colors

XYZ(21.9161, 25.2798, 24.9575)

Have a look what the booklet for
XYZ(21.9161, 25.2798, 24.9575)
contains.

XYZ(21.8706, 25.1687, 24.8244)	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(21.8706, 25.1687,
24.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8E82
RGB	123, 142, 130
RGB Percent	48%, 56%, 51%
CMY	0.5176, 0.4431, 0.4902
CMYK	0.13, 0.00, 0.08, 0.44
HSL	142°, 8%, 52%
HSV	142°, 13%, 56%
XYZ	21.8706, 25.1687, 24.8244
YIQ	134.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

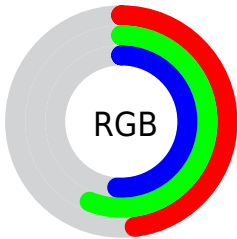
Format	Color
R_{YB}	123, 137, 142
Decimal	8097410
CIE Lab	57.24, -9.30, 4.09
CIE LCh	57, 10.157, 156.229
Yxy	25.1687, 0.3043, 0.3502
Android (android.graphics.Color)	4286287490 (0xFF7B8E82)
YUV	134.9510, -2.4408, -10.4810
Hunter-Lab	50.1684, -9.9788, 5.7799

Details

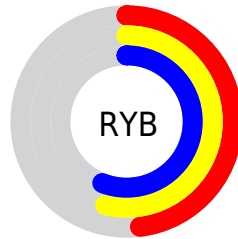
The XYZ color **21.8706, 25.1687, 24.8244** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6123, 21.6665, 25.9130**, and the grayscale version is **23.0223, 24.2212, 26.3769**.

A 20% lighter version of the original color is **46.1917, 52.1289, 52.4271**, and **8.1364, 9.7042, 9.2288** is the 20% darker color. If you saturate the color by 10%, you get **19.4088, 23.9669, 21.7025**, and if you desaturate by 10%, it is **24.6810, 26.5456, 28.2376**.

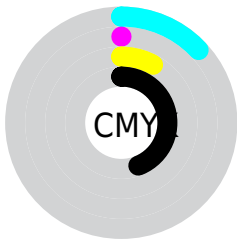
Distribution



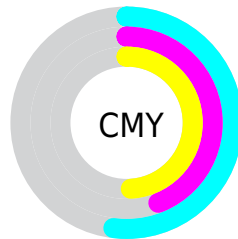
- Red (48%)
- Green (56%)
- Blue (51%)



- Red (48%)
- Yellow (54%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8706, 25.1687, 24.8244 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 21.8706, 25.1687, 24.8244 by changing the saturation by 10% instead.

■ 21.8706, 25.1687,
24.8244

■ 21.8706, 25.1687,
24.8244

254.5149,
278.6770, 290.3819

■ 13.8779, 16.2028,
15.7284

■ 46.0125, 51.9308,
52.3328

■ 8.1169, 9.6678,
9.1799

■ 62.8924, 70.4957,
71.5823

■ 4.2223, 5.1792,
4.7603

■ 83.4654, 93.0291,
95.0534

■ 1.8287, 2.3528,
2.0511

108.0969,
119.9154, 123.1647

■ 0.5348, 0.8014,
0.5864

137.1523,
151.5389, 156.3346

■ 0.0000, 0.0000,
0.0000

170.9968,

188.2841, 194.9818

209.9959,
230.5354, 239.5247

■ 21.8706, 25.1687,
24.8244

■ 21.8706, 25.1687,
24.8244

■ 19.4088, 23.9669,
21.7025

■ 24.6810, 26.5456,
28.2376

■ 17.2795, 22.9298,
18.8628

■ 27.8511, 28.1010,
31.9479

■ 15.4685, 22.0511,
16.2977

■ 31.3940, 29.8422,
35.9627

■ 13.9597, 21.3226,
13.9990

■ 35.3215, 31.7753,
40.2890

■ 12.7355, 20.7354,
11.9579

■ 39.6450, 33.9058,
44.9333

■ 11.7764, 20.2797,
10.1652

■ 44.3753, 36.2393,
49.9021

■ 11.0604, 19.9442,
8.6111

■ 49.5229, 38.7810,
55.2015

■ 10.5612, 19.7157,
7.2851

■ 55.0978, 41.5360,
60.8376

■ 10.3004, 19.5978,
6.5257

■ 61.1096, 44.5091,
66.8162

Harmonies

Analogous

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



22.5832, 25.1687, 22.4088



21.8706, 25.1687, 24.8244



21.6994, 25.1687, 28.1282

Triad

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



21.8706, 25.1687, 24.8244



24.1735, 25.1687, 34.5178



25.8334, 25.1687, 23.6791

Complementary

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



21.8706, 25.1687, 24.8244



22.6123, 21.6665, 25.9130

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.



26.2917, 25.1687, 26.6932



21.8706, 25.1687, 24.8244



25.3128, 25.1687, 33.0923

Square

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



21.8706, 25.1687, 24.8244



23.0034, 25.1687, 33.9126



26.0980, 25.1687, 30.1573



24.8649, 25.1687, 21.7872

Rectangle

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



21.8706, 25.1687, 24.8244



21.9100, 25.1687, 30.4321



26.0980, 25.1687, 30.1573



26.0537, 25.1687, 24.5845

Sweetspot

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



21.8713, 25.1698, 24.8250



43.1527, 46.6281, 49.3531



23.2461, 25.9310, 22.5190



9.5590, 10.3757, 10.9283



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.



21.8713, 25.1698, 24.8250



37.2223, 43.7253, 42.0972



22.5366, 25.4359, 28.3283



5.4199, 6.0602, 6.1770



9.2561, 17.5983, 5.9026



0.0985, 0.1722, 0.1090

Inverse Universe

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



22.6123, 21.6665, 25.9130



38.7855, 36.3348, 44.3918



21.9748, 21.4115, 22.5561



5.5431, 5.4778, 6.3580



11.6699, 5.8250, 9.1792



0.1222, 0.0600, 0.1439

Previews

White Background



This preview shows how the XYZ color 21.8706, 25.1687, 24.8244 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 21.8706, 25.1687, 24.8244 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

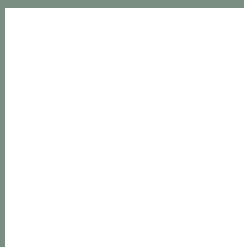
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8706, 25.1687, 24.8244

Background



This preview shows how black text looks on a background with the XYZ color 21.8706, 25.1687, 24.8244.



This preview shows how white text looks on a background with the XYZ color 21.8706, 25.1687,

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

21.8706, 25.1687, 24.8244

Protanopia

23.9318, 25.1744, 23.6765

Deuteranopia

25.5013, 25.1164, 25.3337



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

21.8706, 25.1687, 24.8244

Protanomaly

23.1206, 25.1746, 24.0627

Deuteranomaly

23.8854, 24.9097, 25.0219

Tritanomaly

22.7935, 25.0993, 29.6299

Monochromacy



Original Color

21.8706, 25.1687, 24.8244

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6822, 24.6957, 25.7616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8706, 25.1687, 24.8244 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, 142, 130)` looks like.

```
.text, #text, p{  
    color:rgb(123, 142, 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(123, 142, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 142, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.8706, 25.1687, 24.8244 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, 142, 130) }
```


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

```
.border{ border-color:rgb(123, 142, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 142, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 142, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 142, 130);  
box-shadow:4px 4px 4px 4px rgb(123, 142,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8706, 25.1687, 24.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 142, 130) }
```

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

```
.background{ background-color: rgb(123,  
142, 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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