

Converting Colors

XYZ(21.8909, 26.4304, 24.0131)

Have a look what the booklet for
XYZ(21.8909, 26.4304, 24.0131)
contains.

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Color

**XYZ(21.8722, 26.3217,
24.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	77937F
RGB	119, 147, 127
RGB Percent	47%, 58%, 50%
CMY	0.5333, 0.4235, 0.5020
CMYK	0.19, 0.00, 0.14, 0.42
HSL	137°, 11%, 52%
HSV	137°, 19%, 58%
XYZ	21.8722, 26.3217, 24.0065
YIQ	136.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

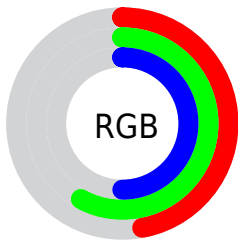
Format	Color
R_{YB}	119, 141, 147
Decimal	7836543
CIE _{Lab}	58.34, -14.04, 7.35
CIE _{LCh}	58, 15.845, 152.360
Yxy	26.3217, 0.3029, 0.3646
Android (android.graphics.Color)	4286026623 (0xFF77937F)
YUV	136.3480, -4.6086, -15.2142
Hunter-Lab	51.3047, -13.6851, 8.1703

Details

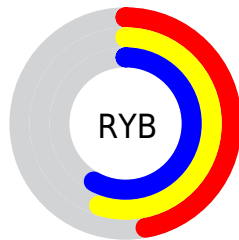
The XYZ color **21.8722, 26.3217, 24.0065** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2905, 21.2613, 27.3034**, and the grayscale version is **23.5523, 24.7789, 26.9842**.

A 20% lighter version of the original color is **46.1381, 53.8392, 51.1403**, and **8.0838, 10.2179, 8.7539** is the 20% darker color. If you saturate the color by 10%, you get **19.3597, 25.1022, 20.5010**, and if you desaturate by 10%, it is **24.7696, 27.7329, 27.9035**.

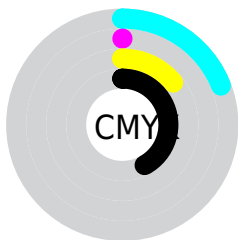
Distribution



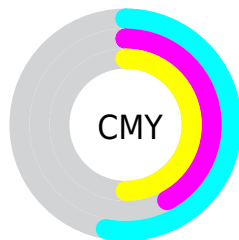
- Red (47%)
- Green (58%)
- Blue (50%)



- Red (47%)
- Yellow (55%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8722, 26.3217, 24.0065 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 21.8722, 26.3217, 24.0065 by changing the saturation by 10% instead.

■ 21.8722, 26.3217,
24.0065

■ 21.8722, 26.3217,
24.0065

254.5231,
284.3577, 286.1410

■ 13.8791, 17.0645,
15.1262

■ 46.0151, 53.7935,
50.9848

■ 8.1178, 10.2805,
8.7604

■ 62.8956, 72.7768,
69.9198

■ 4.2228, 5.5853,
4.4906

■ 83.4693, 95.7709,
93.0435

■ 1.8290, 2.5946,
1.8981

108.1016,
123.1603, 120.7745

■ 0.5350, 0.9240,
0.4915

137.1577,
155.3293, 153.5311

■ 0.0000, 0.0000,
0.0000

171.0031,

192.6622, 191.7321

210.0031,
235.5436, 235.7958

■ 21.8722, 26.3217,
24.0065

■ 21.8722, 26.3217,
24.0065

■ 19.3597, 25.1022,
20.5010

■ 24.7696, 27.7329,
27.9035

■ 17.2134, 24.0628,
17.3732

■ 28.0651, 29.3401,
32.2018

■ 15.4164, 23.1957,
14.6108

■ 31.7742, 31.1517,
36.9131

■ 13.9495, 22.4912,
12.2004

■ 35.9106, 33.1747,
42.0480

■ 12.7915, 21.9389,
10.1276

■ 40.4875, 35.4157,
47.6169

■ 11.9187, 21.5268,
8.3773

■ 45.5176, 37.8809,
53.6297

■ 11.3038, 21.2412,
6.9328

■ 51.0130, 40.5765,
60.0959

■ 10.8878, 21.0519,
5.7750

■ 56.9853, 43.5081,
67.0250

■ 10.8522, 21.0357,
5.6788

■ 63.4458, 46.6815,
74.4257

Harmonies

Analogous

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



23.0837, 26.3217, 20.5867



21.8722, 26.3217, 24.0065



21.4901, 26.3217, 29.0998

Triad

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



21.8722, 26.3217, 24.0065



25.1711, 26.3217, 40.6451



28.2856, 26.3217, 23.3391

Complementary

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



21.8722, 26.3217, 24.0065



23.2905, 21.2613, 27.3034

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.



28.9123, 26.3217, 28.2243



21.8722, 26.3217, 24.0065



27.0574, 26.3217, 38.6080

Square

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



21.8722, 26.3217, 24.0065



23.3355, 26.3217, 39.1443



28.4518, 26.3217, 33.8787



26.7794, 26.3217, 20.2376

Rectangle

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



21.8722, 26.3217, 24.0065



21.7404, 26.3217, 32.8965



28.4518, 26.3217, 33.8787



28.6095, 26.3217, 24.8036

Sweetspot

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



21.8729, 26.3228, 24.0071



46.0082, 50.4682, 52.1454



24.4231, 27.6953, 21.5114



10.4275, 11.4841, 11.8049



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.8729, 26.3228, 24.0071



37.0954, 46.1302, 40.1287



22.8450, 26.7117, 29.1262



5.7937, 6.4941, 6.5244



9.4174, 18.2398, 4.9736



0.1267, 0.2278, 0.1210

Inverse Universe

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



23.2905, 21.2613, 27.3034



40.1280, 35.2998, 47.1782



22.3361, 20.8796, 22.2777



5.9654, 5.8812, 6.9239



12.6532, 6.2663, 12.1867



0.1676, 0.0818, 0.2162

Previews

White Background



This preview shows how the XYZ color 21.8722, 26.3217, 24.0065 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 21.8722, 26.3217, 24.0065 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 21.8722, 26.3217, 24.0065

Background



This preview shows how black text looks on a background with the XYZ color 21.8722, 26.3217, 24.0065.



This preview shows how white text looks on a background with the XYZ color 21.8722, 26.3217,

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

21.8722, 26.3217, 24.0065

Protanopia

24.8073, 26.2972, 22.5073

Deuteranopia

26.5310, 26.0810, 24.4047



Tritanopia

23.9674, 26.2631, 34.3779

Trichromacy



Original Color

21.8722, 26.3217, 24.0065

Protanomaly

23.6139, 26.3344, 22.9072

Deuteranomaly

24.4566, 25.8634, 24.1252

Tritanomaly

23.0333, 26.0977, 30.2089

Monochromacy



Original Color

21.8722, 26.3217, 24.0065

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8176, 25.1954, 25.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8722, 26.3217, 24.0065 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(119, 147, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 127)  
}
```

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(119, 147, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.8722, 26.3217, 24.0065 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(119, 147, 127) }
```


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

```
.border{ border-color:rgb(119, 147, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 147, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 147, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 147, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 147,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8722, 26.3217, 24.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 127) }
```

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

```
.background{ background-color: rgb(119,  
147, 127) }
```

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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