

Converting Colors

XYZ(21.6903, 25.0840, 24.3295)

Have a look what the booklet for
XYZ(21.6903, 25.0840, 24.3295)
contains.

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Color

**XYZ(21.6615, 25.0686,
24.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8E81
RGB	122, 142, 129
RGB Percent	48%, 56%, 51%
CMY	0.5216, 0.4431, 0.4941
CMYK	0.14, 0.00, 0.09, 0.44
HSL	141°, 8%, 52%
HSV	141°, 14%, 56%
XYZ	21.6615, 25.0686, 24.4659
YIQ	134.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

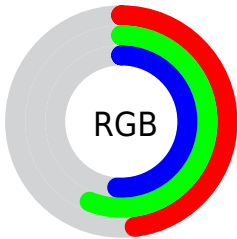
Format	Color
R_{YB}	122, 137, 142
Decimal	8031873
CIE _{Lab}	57.14, -9.86, 4.52
CIE _{LCh}	57, 10.842, 155.375
Yxy	25.0686, 0.3043, 0.3521
Android (android.graphics.Color)	4286221953 (0xFF7A8E81)
YUV	134.5380, -2.7302, -10.9958
Hunter-Lab	50.0686, -10.3943, 6.0760

Details

The XYZ color **21.6615, 25.0686, 24.4659** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4890, 21.4197, 25.8720**, and the grayscale version is **22.8706, 24.0616, 26.2031**.

A 20% lighter version of the original color is **45.8626, 51.9712, 51.8702**, and **8.0228, 9.6499, 9.0292** is the 20% darker color. If you saturate the color by 10%, you get **19.2099, 23.8732, 21.2918**, and if you desaturate by 10%, it is **24.4638, 26.4398, 27.9469**.

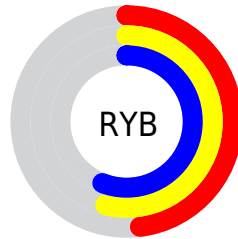
Distribution



Red (48%)

Green (56%)

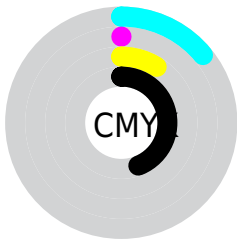
Blue (51%)



Red (48%)

Yellow (54%)

Blue (56%)

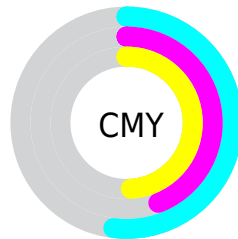


Cyan (14%)

Magenta (0%)

Yellow (9%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6615, 25.0686, 24.4659 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 21.6615, 25.0686, 24.4659 by changing the saturation by 10% instead.

■ 21.6615, 25.0686,
24.4659

■ 21.6615, 25.0686,
24.4659

253.4391,
278.1794, 288.5296

■ 13.7236, 16.1282,
15.4642

■ 45.6689, 51.7685,
51.7427

■ 8.0091, 9.6149,
8.9956

■ 62.4691, 70.2967,
70.8550

■ 4.1526, 5.1444,
4.6415

■ 82.9542, 92.7897,
94.1745

■ 1.7888, 2.3322,
1.9835

107.4894,
119.6318, 122.1197

■ 0.5109, 0.7907,
0.5451

136.4402,
151.2075, 155.1093

■ 0.0000, 0.0000,
0.0000

170.1718,

187.9010, 193.5618

209.0497,
230.0969, 237.8957

■ 21.6615, 25.0686,
24.4659

■ 21.6615, 25.0686,
24.4659

■ 19.2099, 23.8732,
21.2918

■ 24.4638, 26.4398,
27.9469

■ 17.0927, 22.8432,
18.4146

■ 27.6281, 27.9903,
31.7410

■ 15.2955, 21.9721,
15.8263

■ 31.1675, 29.7276,
35.8565

■ 13.8019, 21.2517,
13.5177

■ 35.0942, 31.6576,
40.3007

■ 12.5941, 20.6730,
11.4792

■ 39.4196, 33.7860,
45.0809

■ 11.6524, 20.2259,
9.7009

■ 44.1546, 36.1185,
50.2040

■ 10.9542, 19.8990,
8.1718

■ 49.3098, 38.6604,
55.6766

■ 10.4719, 19.6785,
6.8804

■ 54.8954, 41.4166,
61.5053

■ 10.2427, 19.5747,
6.2218

■ 60.9211, 44.3922,
67.6965

Harmonies

Analogous

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



22.4320, 25.0686, 21.9482



21.6615, 25.0686, 24.4659



21.4625, 25.0686, 27.9602

Triad

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



21.6615, 25.0686, 24.4659



24.0580, 25.0686, 34.9214



25.8880, 25.0686, 23.4193

Complementary

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



21.6615, 25.0686, 24.4659



22.4890, 21.4197, 25.8720

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.



26.3590, 25.0686, 26.6413



21.6615, 25.0686, 24.4659



25.2786, 25.0686, 33.4474

Square

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



21.6615, 25.0686, 24.4659



22.8173, 25.0686, 34.2083



26.1321, 25.0686, 30.3351



24.8659, 25.0686, 21.3829

Rectangle

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



21.6615, 25.0686, 24.4659



21.6743, 25.0686, 30.4249



26.1321, 25.0686, 30.3351



26.1177, 25.0686, 24.3883

Sweetspot

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



21.6622, 25.0697, 24.4665



43.1391, 46.6226, 49.2811



23.2322, 25.9310, 22.1934



9.5554, 10.3742, 10.9096



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.



21.6622, 25.0697, 24.4665



36.7179, 43.4834, 41.2545



22.3358, 25.3391, 28.0134



5.4160, 6.0586, 6.1563



9.2040, 17.5775, 5.6286



0.0977, 0.1719, 0.1049

Inverse Universe

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



22.4890, 21.4197, 25.8720



38.4744, 35.7283, 44.2399



21.8387, 21.1596, 22.4475



5.5472, 5.4794, 6.3794



11.7712, 5.8655, 9.7123



0.1230, 0.0603, 0.1479

Previews

White Background



This preview shows how the XYZ color 21.6615, 25.0686, 24.4659 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 21.6615, 25.0686, 24.4659 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

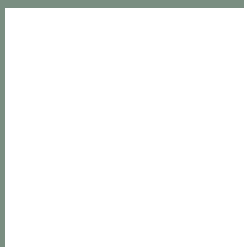
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6615, 25.0686, 24.4659

Background



This preview shows how black text looks on a background with the XYZ color 21.6615, 25.0686, 24.4659.



This preview shows how white text looks on a background with the XYZ color 21.6615, 25.0686,

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

21.6615, 25.0686, 24.4659

Protanopia

23.7254, 24.8655, 23.2877

Deuteranopia

25.2969, 24.8166, 24.9295



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

21.6615, 25.0686, 24.4659

Protanomaly

22.9109, 24.8602, 23.6696

Deuteranomaly

23.8179, 24.8827, 24.6666

Tritanomaly

22.7180, 25.0691, 29.2326

Monochromacy



Original Color

21.6615, 25.0686, 24.4659

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5280, 24.6162, 25.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6615, 25.0686, 24.4659 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(122, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 142, 129)  
}
```

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(122, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 142, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.6615, 25.0686, 24.4659 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(122, 142, 129) }
```


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

```
.border{ border-color:rgb(122, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 142, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 142, 129);  
box-shadow:4px 4px 4px 4px rgb(122, 142,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6615, 25.0686, 24.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 142, 129) }
```

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

```
.background{ background-color: rgb(122,  
142, 129) }
```

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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