

Converting Colors

XYZ(22.6247, 25.1338, 26.6289)

Have a look what the booklet for
XYZ(22.6247, 25.1338, 26.6289)
contains.

XYZ(22.6533, 25.0946, 26.5715)	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(22.6533, 25.0946,
26.5715)**

Conversions

Conversions Part 1

Format	Color
Hex	808C87
RGB	128, 140, 135
RGB Percent	50%, 55%, 53%
CMY	0.4980, 0.4510, 0.4706
CMYK	0.09, 0.00, 0.04, 0.45
HSL	155°, 5%, 53%
HSV	155°, 9%, 55%
XYZ	22.6533, 25.0946, 26.5715
YIQ	135.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

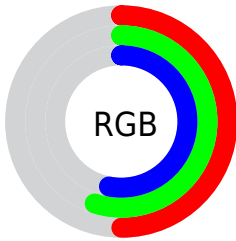
Format	Color
R_{YB}	128, 136, 140
Decimal	8424583
CIE Lab	57.17, -5.37, 1.17
CIE LCh	57, 5.498, 167.730
Yxy	25.0946, 0.3048, 0.3377
Android (android.graphics.Color)	4286614663 (0xFF808C87)
YUV	135.8420, -0.4151, -6.8774
Hunter-Lab	50.0945, -6.9457, 3.6171

Details

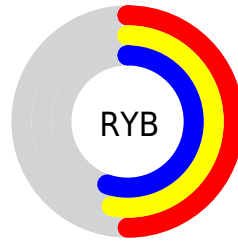
The XYZ color **22.6533, 25.0946, 26.5715** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7689, 22.7078, 25.3743**, and the grayscale version is **23.3462, 24.5620, 26.7480**.

A 20% lighter version of the original color is **47.4249, 52.0382, 55.1218**, and **8.5203, 9.6305, 10.0041** is the 20% darker color. If you saturate the color by 10%, you get **20.2916, 23.9240, 24.3753**, and if you desaturate by 10%, it is **25.3296, 26.4262, 28.9011**.

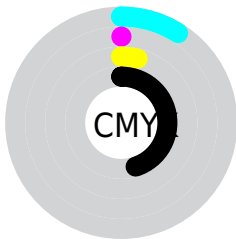
Distribution



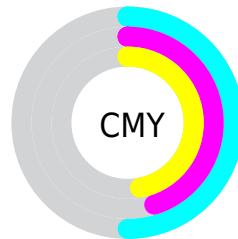
- Red (50%)
- Green (55%)
- Blue (53%)



- Red (50%)
- Yellow (53%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (50%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6533, 25.0946, 26.5715 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 22.6533, 25.0946, 26.5715 by changing the saturation by 10% instead.

■ 22.6533, 25.0946,
26.5715

■ 22.6533, 25.0946,
26.5715

258.5080,
278.3087, 299.2706

■ 14.4570, 16.1475,
17.0221

■ 47.2943, 51.8107,
55.1908

■ 8.5230, 9.6286,
10.0881

■ 64.4697, 70.3484,
75.0979

■ 4.4860, 5.1534,
5.3510

■ 85.3688, 92.8519,
99.2945

■ 1.9806, 2.3376,
2.3924

110.3570,
119.7055, 128.1992

■ 0.6230, 0.7935,
0.7823

139.7997,
151.2936, 162.2307

■ 0.0000, 0.0000,
0.0000

174.0622,

188.0006, 201.8074

213.5098,
230.2108, 247.3479

■ 22.6533, 25.0946,
26.5715

■ 22.6533, 25.0946,
26.5715

■ 20.2916, 23.9240,
24.3753

■ 25.3296, 26.4262,
28.9011

■ 18.2301, 22.9048,
22.3082

■ 28.3298, 27.9214,
31.3646

■ 16.4565, 22.0316,
20.3685

■ 31.6655, 29.5869,
33.9650

■ 14.9569, 21.2972,
18.5533

■ 35.3471, 31.4280,
36.7045

■ 13.7160, 20.6937,
16.8601

■ 39.3845, 33.4498,
39.5853

■ 12.7171, 20.2125,
15.2860

■ 43.7873, 35.6572,
42.6094

■ 11.9414, 19.8441,
13.8279

■ 48.5645, 38.0548,
45.7790

■ 11.3671, 19.5772,
12.4827

■ 53.7252, 40.6471,
49.0960

■ 10.9452, 19.3867,
11.2457

■ 59.2776, 43.4385,
52.5624

Harmonies

Analogous

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



22.9404, 25.0946, 24.9904



22.6533, 25.0946, 26.5715



22.6830, 25.0946, 28.4263

Triad

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



22.6533, 25.0946, 26.5715



24.2336, 25.0946, 30.8701



24.7006, 25.0946, 24.7643

Complementary

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



22.6533, 25.0946, 26.5715



22.7689, 22.7078, 25.3743

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.



25.0598, 25.0946, 26.2501



22.6533, 25.0946, 26.5715



24.7868, 25.0946, 29.7980

Square

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



22.6533, 25.0946, 26.5715



23.5875, 25.0946, 30.9657



25.0916, 25.0946, 28.0901



24.1178, 25.0946, 23.9792

Rectangle

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



22.6533, 25.0946, 26.5715



22.8786, 25.0946, 29.5689



25.0916, 25.0946, 28.0901



24.8520, 25.0946, 25.1952

Sweetspot

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



22.6540, 25.0957, 26.5721



42.4675, 45.4998, 49.0787



22.9796, 25.3186, 24.0982



9.7034, 10.4434, 11.2375



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.



22.6540, 25.0957, 26.5721



39.2188, 43.8855, 46.1954



22.8981, 25.0069, 28.4321



5.0861, 5.6539, 5.9745



9.6844, 17.2064, 9.8948



0.0717, 0.1172, 0.1043

Inverse Universe

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



22.7689, 22.7078, 25.3743



39.4574, 38.9255, 43.7076



22.5361, 22.7824, 23.6320



5.1137, 5.0809, 5.6871



10.3057, 5.2324, 4.1141



0.0755, 0.0376, 0.0643

Previews

White Background



This preview shows how the XYZ color 22.6533, 25.0946, 26.5715 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 22.6533, 25.0946, 26.5715 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

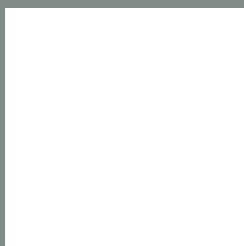
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6533, 25.0946, 26.5715

Background



This preview shows how black text looks on a background with the XYZ color 22.6533, 25.0946, 26.5715.



This preview shows how white text looks on a background with the XYZ color 22.6533, 25.0946,

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

22.6533, 25.0946, 26.5715

Protanopia

23.8530, 24.8772, 25.7349

Deuteranopia

25.4091, 25.0367, 26.7859



Tritanopia

23.7192, 25.0927, 32.0270

Trichromacy



Original Color

22.6533, 25.0946, 26.5715

Protanomaly

23.4021, 24.8468, 26.1167

Deuteranomaly

24.4034, 25.1367, 26.8582

Tritanomaly

23.3199, 25.1460, 30.0101

Monochromacy



Original Color

22.6533, 25.0946, 26.5715

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0625, 24.6554, 26.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6533, 25.0946, 26.5715 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(128, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 140, 135)  
}
```

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(128, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 22.6533, 25.0946, 26.5715 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(128, 140, 135) }
```


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

```
.border{ border-color:rgb(128, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 140,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6533, 25.0946, 26.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 140, 135) }
```

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

```
.background{ background-color: rgb(128,  
140, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor