

Converting Colors

XYZ(22.8369, 26.4228, 24.7916)

Have a look what the booklet for
XYZ(22.8369, 26.4228, 24.7916)
contains.

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Color

**XYZ(22.6920, 26.2714,
24.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9181
RGB	126, 145, 129
RGB Percent	49%, 57%, 51%
CMY	0.5059, 0.4314, 0.4941
CMYK	0.13, 0.00, 0.11, 0.43
HSL	129°, 8%, 53%
HSV	129°, 13%, 57%
XYZ	22.6920, 26.2714, 24.6438
YIQ	137.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

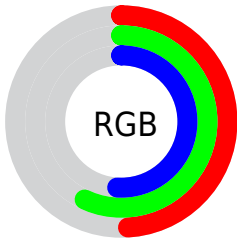
Format	Color
R _Y B	126, 142, 145
Decimal	8294785
CIE Lab	58.29, -10.05, 6.21
CIE LCh	58, 11.814, 148.295
Yxy	26.2714, 0.3083, 0.3569
Android (android.graphics.Color)	4286484865 (0xFF7E9181)
YUV	137.4950, -4.1880, -10.0811
Hunter-Lab	51.2556, -10.6715, 7.3722

Details

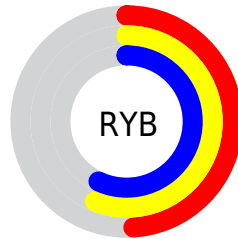
The XYZ color **22.6920, 26.2714, 24.6438** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0213, 22.8950, 28.7454**, and the grayscale version is **23.9830, 25.2320, 27.4776**.

A 20% lighter version of the original color is **47.4573, 53.8080, 52.1407**, and **8.6007, 10.3414, 9.1322** is the 20% darker color. If you saturate the color by 10%, you get **19.9432, 24.9433, 20.5286**, and if you desaturate by 10%, it is **25.8493, 27.8003, 29.2856**.

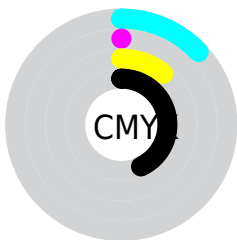
Distribution



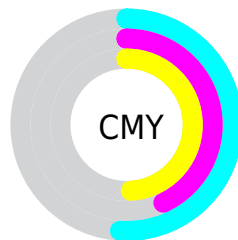
- Red (49%)
- Green (57%)
- Blue (51%)



- Red (49%)
- Yellow (56%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6920, 26.2714, 24.6438 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 22.6920, 26.2714, 24.6438 by changing the saturation by 10% instead.

■ 22.6920, 26.2714,
24.6438

■ 22.6920, 26.2714,
24.6438

258.7041,
284.1118, 289.4500

■ 14.4857, 17.0268,
15.5953

■ 47.3575, 53.7125,
52.0357

■ 8.5432, 10.2536,
9.0870

■ 64.5474, 72.6777,
71.2162

■ 4.4992, 5.5674,
4.7004

■ 85.4625, 95.6519,
94.6110

■ 1.9882, 2.5839,
2.0169

110.4682,
123.0195, 122.6388

■ 0.6273, 0.9186,
0.5656

139.9299,
155.1650, 155.7180

■ 0.0000, 0.0000,
0.0000

174.2128,

192.4725, 194.2673

213.6824,
235.3267, 238.7051

■ 22.6920, 26.2714,
24.6438

■ 22.6920, 26.2714,
24.6438

■ 19.9432, 24.9433,
20.5286

■ 25.8493, 27.8003,
29.2856

■ 17.5839, 23.8045,
16.9196

■ 29.4285, 29.5344,
34.4700

■ 15.5972, 22.8473,
13.7980

■ 33.4453, 31.4822,
40.2142

■ 13.9636, 22.0623,
11.1427

■ 37.9138, 33.6505,
46.5343

■ 12.6623, 21.4390,
8.9313

■ 42.8475, 36.0461,
53.4457

■ 11.6700, 20.9661,
7.1396

■ 48.2594, 38.6752,
60.9634

■ 10.9603, 20.6305,
5.7409

■ 54.1618, 41.5440,
69.1016

■ 10.5026, 20.4170,
4.7056

■ 60.5669, 44.6584,
77.8741

■ 10.2795, 20.3133,
4.1843

■ 66.9307, 47.7378,
87.2684

Harmonies

Analogous

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



23.6830, 26.2714, 22.1865



22.6920, 26.2714, 24.6438



22.3084, 26.2714, 28.3702

Triad

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



22.6920, 26.2714, 24.6438



24.8880, 26.2714, 37.2682



27.4835, 26.2714, 25.0150

Complementary

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



22.6920, 26.2714, 24.6438



24.0213, 22.8950, 28.7454

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.



27.8357, 26.2714, 28.8413



22.6920, 26.2714, 24.6438



26.3032, 26.2714, 36.1556

Square

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



22.6920, 26.2714, 24.6438



23.5457, 26.2714, 35.8809



27.3959, 26.2714, 32.9696



26.4510, 26.2714, 22.3860

Rectangle

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



22.6920, 26.2714, 24.6438



22.4371, 26.2714, 31.1622



27.3959, 26.2714, 32.9696



27.6871, 26.2714, 26.1918

Sweetspot

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



22.6927, 26.2725, 24.6444



45.7039, 49.5000, 51.5881



25.0735, 27.5225, 23.7297



10.0763, 10.9677, 11.3432



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6927, 26.2725, 24.6444



38.9694, 46.2412, 41.6514



23.3432, 26.5327, 28.0698



5.3755, 6.0424, 5.9431



8.8235, 17.4253, 3.6245



0.0897, 0.1687, 0.0625

Inverse Universe

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



24.0213, 22.8950, 28.7454



41.8703, 38.8657, 50.6054



23.3482, 22.6258, 25.2009



5.5902, 5.4966, 6.6059



13.0422, 6.3739, 16.4056



0.1311, 0.0635, 0.1903

Previews

White Background



This preview shows how the XYZ color 22.6920, 26.2714, 24.6438 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 22.6920, 26.2714, 24.6438 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

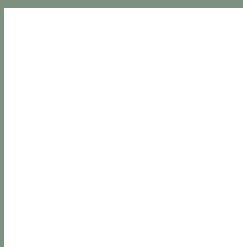
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6920, 26.2714, 24.6438

Background



This preview shows how black text looks on a background with the XYZ color 22.6920, 26.2714, 24.6438.



This preview shows how white text looks on a background with the XYZ color 22.6920, 26.2714,

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

22.6920, 26.2714, 24.6438

Protanopia

24.8526, 26.0826, 23.4632

Deuteranopia

26.6653, 26.1347, 25.1118



Tritanopia

24.6287, 26.3917, 33.9330

Trichromacy



Original Color

22.6920, 26.2714, 24.6438

Protanomaly

24.0031, 26.0710, 23.8458

Deuteranomaly

25.1159, 26.1879, 24.8501

Tritanomaly

23.9098, 26.3257, 30.2067

Monochromacy



Original Color

22.6920, 26.2714, 24.6438

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3540, 25.4639, 26.2384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6920, 26.2714, 24.6438 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(126, 145, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 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(126, 145, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.6920, 26.2714, 24.6438 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(126, 145, 129) }
```


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

```
.border{ border-color:rgb(126, 145, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 129);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6920, 26.2714, 24.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 129) }
```

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

```
.background{ background-color: rgb(126,  
145, 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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