

Converting Colors

XYZ(21.8313, 26.0834, 24.4747)

Have a look what the booklet for
XYZ(21.8313, 26.0834, 24.4747)
contains.

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Color

**XYZ(21.7829, 26.0382,
24.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	779280
RGB	119, 146, 128
RGB Percent	47%, 57%, 50%
CMY	0.5333, 0.4274, 0.4980
CMYK	0.18, 0.00, 0.12, 0.43
HSL	140°, 11%, 52%
HSV	140°, 18%, 57%
XYZ	21.7829, 26.0382, 24.2999
YIQ	135.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

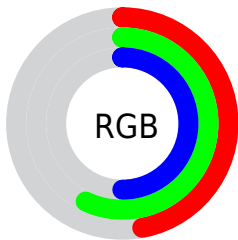
Format	Color
R_{YB}	119, 139, 146
Decimal	7836288
CIE _{Lab}	58.07, -13.30, 6.40
CIE _{LCh}	58, 14.759, 154.308
Yxy	26.0382, 0.3020, 0.3610
Android (android.graphics.Color)	4286026368 (0xFF779280)
YUV	135.8750, -3.8824, -14.7994
Hunter-Lab	51.0276, -13.0995, 7.4848

Details

The XYZ color **21.7829, 26.0382, 24.2999** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9671, 21.1114, 26.5324**, and the grayscale version is **23.3724, 24.5895, 26.7780**.

A 20% lighter version of the original color is **46.0080, 53.4154, 51.6014**, and **8.0293, 10.0510, 8.9140** is the 20% darker color. If you saturate the color by 10%, you get **19.3208, 24.8402, 20.9993**, and if you desaturate by 10%, it is **24.6157, 27.4217, 27.9398**.

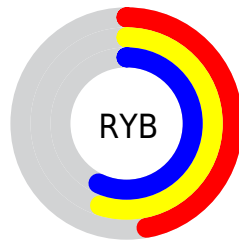
Distribution



Red (47%)

Green (57%)

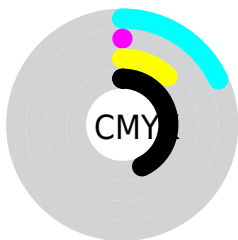
Blue (50%)



Red (47%)

Yellow (55%)

Blue (57%)

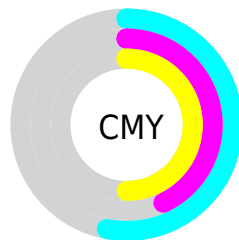


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7829, 26.0382, 24.2999 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 21.7829, 26.0382, 24.2999 by changing the saturation by 10% instead.

■ 21.7829, 26.0382,
24.2999

■ 21.7829, 26.0382,
24.2999

254.0641,
282.9695, 287.6684

■ 13.8132, 16.8522,
15.3420

■ 45.8684, 53.3366,
51.4691

■ 8.0717, 10.1292,
8.9105

■ 62.7150, 72.2177,
70.5175

■ 4.1930, 5.4847,
4.5868

■ 83.2511, 95.0994,
93.7664

■ 1.8119, 2.5344,
1.9525

107.8423,
122.3660, 121.6344

■ 0.5248, 0.8938,
0.5258

136.8539,
154.4020, 154.5401

■ 0.0000, 0.0000,
0.0000

170.6511,

191.5916, 192.9020

209.5994,
234.3193, 237.1386

■ 21.7829, 26.0382,
24.2999

■ 21.7829, 26.0382,
24.2999

■ 19.3208, 24.8402,
20.9993

■ 24.6157, 27.4217,
27.9398

■ 17.2117, 23.8165,
18.0266

■ 27.8319, 28.9948,
31.9267

■ 15.4393, 22.9597,
15.3722

■ 31.4462, 30.7656,
36.2700

■ 13.9852, 22.2606,
13.0254

■ 35.4718, 32.7408,
40.9784

■ 12.8295, 21.7089,
10.9748

■ 39.9212, 34.9267,
46.0603

■ 11.9494, 21.2934,
9.2084

■ 44.8066, 37.3294,
51.5236

■ 11.3190, 21.0009,
7.7133

■ 50.1396, 39.9546,
57.3761

■ 10.8854, 20.8044,
6.4744

■ 55.9312, 42.8080,
63.6256

■ 10.8267, 20.7777,
6.3087

■ 62.1923, 45.8949,
70.2792

Harmonies

Analogous

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



22.8641, 26.0382, 20.9826



21.7829, 26.0382, 24.2999



21.4816, 26.0382, 29.0959

Triad

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



21.7829, 26.0382, 24.2999



25.0072, 26.0382, 39.3251



27.6930, 26.0382, 23.1643

Complementary

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



21.7829, 26.0382, 24.2999



22.9671, 21.1114, 26.5324

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.



28.3310, 26.0382, 27.6193



21.7829, 26.0382, 24.2999



26.7337, 26.0382, 37.2697

Square

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



21.7829, 26.0382, 24.2999



23.2903, 26.0382, 38.1627



27.9718, 26.0382, 32.8294



26.2664, 26.0382, 20.3844

Rectangle

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



21.7829, 26.0382, 24.2999



21.7507, 26.0382, 32.5926



27.9718, 26.0382, 32.8294



28.0099, 26.0382, 24.4947

Sweetspot

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



21.7836, 26.0393, 24.3005



44.7069, 49.0003, 50.8995



24.0001, 27.2474, 21.4474



9.8776, 10.8674, 11.2380



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.



21.7836, 26.0393, 24.3005



36.6342, 45.0605, 40.4957



22.6989, 26.4054, 29.1203



5.8046, 6.4984, 6.5818



9.5366, 18.2874, 5.6014



0.1293, 0.2289, 0.1350

Inverse Universe

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



22.9671, 21.1114, 26.5324



39.0990, 34.7956, 45.1422



22.0866, 20.7592, 21.8955



5.9540, 5.8766, 6.8637



12.3548, 6.1470, 10.6152



0.1649, 0.0807, 0.2022

Previews

White Background



This preview shows how the XYZ color 21.7829, 26.0382, 24.2999 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 21.7829, 26.0382, 24.2999 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 21.7829, 26.0382, 24.2999

Background



This preview shows how black text looks on a background with the XYZ color 21.7829, 26.0382, 24.2999.



This preview shows how white text looks on a background with the XYZ color 21.7829, 26.0382,

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

21.7829, 26.0382, 24.2999

Protanopia

24.5478, 25.9402, 22.7819

Deuteranopia

26.2647, 25.7298, 24.7011



Tritanopia

23.8179, 25.9642, 34.3281

Trichromacy



Original Color

21.7829, 26.0382, 24.2999

Protanomaly

23.5280, 26.0609, 23.1922

Deuteranomaly

24.3786, 25.6016, 24.4256

Tritanomaly

22.9593, 25.8268, 30.5631

Monochromacy



Original Color

21.7829, 26.0382, 24.2999

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 21.7829, 26.0382, 24.2999 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, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 128)  
}
```

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, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.7829, 26.0382, 24.2999 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, 146, 128) }
```


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

```
.border{ border-color:rgb(119, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(119, 146,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7829, 26.0382, 24.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 128) }
```

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

```
.background{ background-color: rgb(119,  
146, 128) }
```

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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