

Converting Colors

XYZ(22.6753, 26.4189, 27.9797)

Have a look what the booklet for
XYZ(22.6753, 26.4189, 27.9797)
contains.

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Color

**XYZ(22.6121, 26.3858,
27.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	78928A
RGB	120, 146, 138
RGB Percent	47%, 57%, 54%
CMY	0.5294, 0.4274, 0.4588
CMYK	0.18, 0.00, 0.05, 0.43
HSL	162°, 11%, 52%
HSV	162°, 18%, 57%
XYZ	22.6121, 26.3858, 27.9459
YIQ	137.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

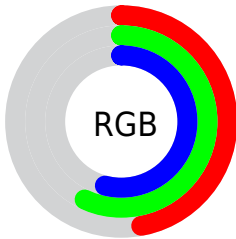
Format	Color
R_{YB}	120, 135, 146
Decimal	7901834
CIE _{Lab}	58.40, -10.88, 1.18
CIE _{LCh}	58, 10.943, 173.824
Yxy	26.3858, 0.2939, 0.3429
Android (android.graphics.Color)	4286091914 (0xFF78928A)
YUV	137.3140, 0.3382, -15.1844
Hunter-Lab	51.3671, -11.3157, 3.7007

Details

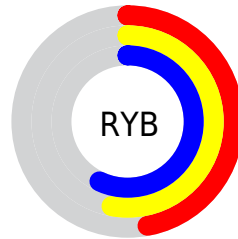
The XYZ color **22.6121, 26.3858, 27.9459** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4678, 21.1033, 23.3126**, and the grayscale version is **23.8996, 25.1442, 27.3820**.

A 20% lighter version of the original color is **47.2918, 53.9544, 57.2119**, and **8.4522, 10.2286, 10.7614** is the 20% darker color. If you saturate the color by 10%, you get **20.4211, 25.2938, 26.1805**, and if you desaturate by 10%, it is **25.1268, 27.6445, 29.7978**.

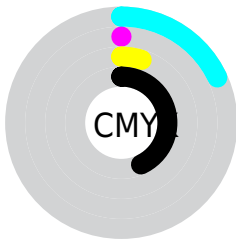
Distribution



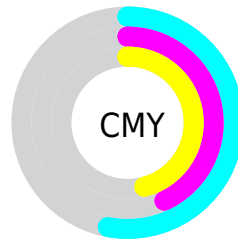
- Red (47%)
- Green (57%)
- Blue (54%)



- Red (47%)
- Yellow (53%)
- Blue (57%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (53%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6121, 26.3858, 27.9459 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 22.6121, 26.3858, 27.9459 by changing the saturation by 10% instead.

■ 22.6121, 26.3858,
27.9459

■ 22.6121, 26.3858,
27.9459

258.2991,
284.6708, 306.1121

■ 14.4265, 17.1125,
18.0462

■ 47.2270, 53.8967,
57.4201

■ 8.5016, 10.3147,
10.8134

■ 64.3869, 72.9030,
77.8317

■ 4.4720, 5.6081,
5.8289

■ 85.2690, 95.9225,
102.5844

■ 1.9725, 2.6083,
2.6742

110.2386,
123.3396, 132.0966

■ 0.6184, 0.9308,
0.9304

139.6610,
155.5385, 166.7869

■ 0.0000, 0.0000,
0.0000

173.9017,

192.9038, 207.0739

213.3259,
235.8197, 253.3762

■ 22.6121, 26.3858,
27.9459

■ 22.6121, 26.3858,
27.9459

■ 20.4211, 25.2938,
26.1805

■ 25.1268, 27.6445,
29.7978

■ 18.5376, 24.3581,
24.4984

■ 27.9762, 29.0735,
31.7359

■ 16.9470, 23.5719,
22.8986

■ 31.1736, 30.6803,
33.7622

■ 15.6328, 22.9267,
21.3795

■ 34.7306, 32.4708,
35.8781

■ 14.5770, 22.4132,
19.9392

■ 38.6587, 34.4511,
38.0848

■ 13.7590, 22.0208,
18.5760

■ 42.9684, 36.6264,
40.3836

■ 13.1552, 21.7374,
17.2879

■ 47.6702, 39.0022,
42.7758

■ 12.7204, 21.5397,
16.0717

■ 52.7739, 41.5835,
45.2625

■ 12.6317, 21.4996,
15.8139

■ 58.2891, 44.3752,
47.8451

Harmonies

Analogous

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



23.0631, 26.3858, 24.6045



22.6121, 26.3858, 27.9459



22.8029, 26.3858, 31.8031

Triad

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



22.6121, 26.3858, 27.9459



26.1303, 26.3858, 35.9943



26.6250, 26.3858, 23.1939

Complementary

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



22.6121, 26.3858, 27.9459



22.4678, 21.1033, 23.3126

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.



27.5015, 26.3858, 25.8609



22.6121, 26.3858, 27.9459



27.2089, 26.3858, 33.2918

Square

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



22.6121, 26.3858, 27.9459



24.8037, 26.3858, 36.6771



27.7189, 26.3858, 29.5279



25.3561, 26.3858, 22.0222

Rectangle

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



22.6121, 26.3858, 27.9459



23.2719, 26.3858, 34.1276



27.7189, 26.3858, 29.5279



26.9771, 26.3858, 23.9332

Sweetspot

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



22.6128, 26.3869, 27.9465



45.6261, 49.4181, 53.4748



22.6072, 26.5223, 21.6977



10.0824, 10.9597, 11.8491



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.



22.6128, 26.3869, 27.9465



38.4274, 45.8173, 48.1548



22.4943, 25.1881, 30.8716



5.8889, 6.5321, 7.0258



11.1257, 18.9231, 13.9695



0.1494, 0.2369, 0.2406

Inverse Universe

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



22.4678, 21.1033, 23.3126



38.1276, 34.8812, 38.5657



22.5492, 22.0761, 20.8425



5.8699, 5.8430, 6.4212



10.8564, 5.5476, 2.7247



0.1449, 0.0727, 0.0965

Previews

White Background



This preview shows how the XYZ color 22.6121, 26.3858, 27.9459 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 22.6121, 26.3858, 27.9459 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

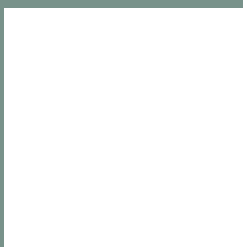
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6121, 26.3858, 27.9459

Background



This preview shows how black text looks on a background with the XYZ color 22.6121, 26.3858, 27.9459.



This preview shows how white text looks on a background with the XYZ color 22.6121, 26.3858,

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

22.6121, 26.3858, 27.9459

Protanopia

25.1828, 26.4067, 26.3240

Deuteranopia

26.6747, 26.2741, 28.4764



Tritanopia

23.9072, 26.2224, 34.8117

Trichromacy



Original Color

22.6121, 26.3858, 27.9459

Protanomaly

24.0378, 26.2462, 26.7208

Deuteranomaly

25.0228, 26.2830, 28.1804

Tritanomaly

23.4241, 26.2540, 32.2667

Monochromacy



Original Color

22.6121, 26.3858, 27.9459

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2535, 25.3876, 27.3416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6121, 26.3858, 27.9459 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(120, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 138)  
}
```

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(120, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.6121, 26.3858, 27.9459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

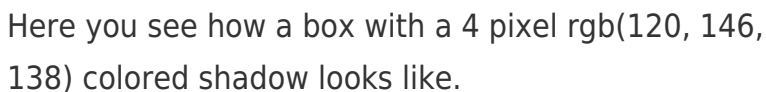
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 146, 138) }
```


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

```
.border{ border-color:rgb(120, 146, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(120, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 146, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 146, 138); box-shadow:4px 4px 4px 4px rgb(120, 146, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6121, 26.3858, 27.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 138) }
```

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

```
.background{ background-color: rgb(120,  
146, 138) }
```

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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