

Converting Colors

XYZ(22.7802, 25.0350, 30.0758)

Have a look what the booklet for
XYZ(22.7802, 25.0350, 30.0758)
contains.

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Color

**XYZ(22.8696, 25.1298,
30.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8C90
RGB	125, 140, 144
RGB Percent	49%, 55%, 56%
CMY	0.5098, 0.4510, 0.4353
CMYK	0.13, 0.03, 0.00, 0.44
HSL	193°, 8%, 53%
HSV	193°, 13%, 56%
XYZ	22.8696, 25.1298, 30.0307
YIQ	135.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

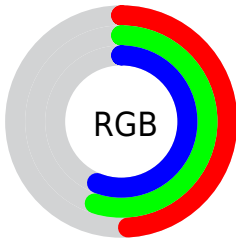
Format	Color
R_{YB}	125, 133, 144
Decimal	8227984
CIE _{Lab}	57.20, -4.54, -3.98
CIE _{LCh}	57, 6.033, 221.235
Yxy	25.1298, 0.2931, 0.3221
Android (android.graphics.Color)	4286418064 (0xFF7D8C90)
YUV	135.9710, 3.9583, -9.6216
Hunter-Lab	50.1296, -6.2935, -0.4276

Details

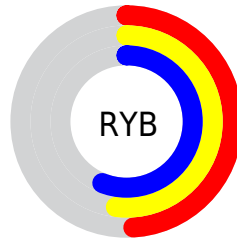
The XYZ color **22.8696, 25.1298, 30.0307** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0537, 23.1104, 22.6482**, and the grayscale version is **23.3799, 24.5975, 26.7867**.

A 20% lighter version of the original color is **47.8449, 52.1258, 60.9657**, and **8.6570, 9.6570, 11.9974** is the 20% darker color. If you saturate the color by 10%, you get **20.4815, 23.2511, 29.7943**, and if you desaturate by 10%, it is **25.5762, 27.1921, 30.2865**.

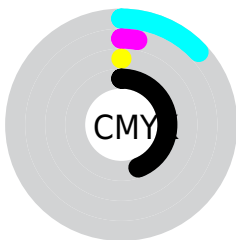
Distribution



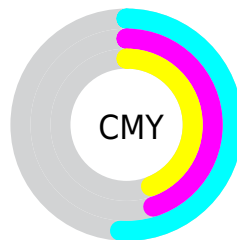
- Red (49%)
- Green (55%)
- Blue (56%)



- Red (49%)
- Yellow (52%)
- Blue (56%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8696, 25.1298, 30.0307 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 22.8696, 25.1298, 30.0307 by changing the saturation by 10% instead.

■ 22.8696, 25.1298,
30.0307

■ 22.8696, 25.1298,
30.0307

259.6024,
278.4837, 316.2593

■ 14.6174, 16.1738,
19.6096

■ 47.6474, 51.8677,
60.7723

■ 8.6359, 9.6472,
11.9304

■ 64.9036, 70.4184,
81.9299

■ 4.5597, 5.1657,
6.5743

■ 85.8920, 92.9361,
107.5035

■ 2.0234, 2.3448,
3.1230

110.9778,
119.8052, 137.9115

■ 0.6470, 0.7973,
1.1578

140.5264,
151.4102, 173.5726

■ 0.0000, 0.0000,
0.0000

174.9031,

188.1353, 214.9052

214.4733,
230.3650, 262.3279

■ 22.8696, 25.1298,
30.0307

■ 22.8696, 25.1298,
30.0307

■ 20.4815, 23.2511,
29.7943

■ 25.5762, 27.1921,
30.2865

■ 18.3965, 21.5459,
29.5751

■ 28.6114, 29.4414,
30.5607

■ 16.6012, 20.0080,
29.3729

■ 31.9877, 31.8850,
30.8544

■ 15.0805, 18.6292,
29.1869

■ 35.7162, 34.5285,
31.1681

■ 13.8175, 17.4008,
29.0163

■ 39.8074, 37.3778,
31.5025

■ 12.7937, 16.3131,
28.8604

■ 44.2714, 40.4381,
31.8579

■ 11.9879, 15.3550,
28.7179

■ 49.1182, 43.7145,
32.2349

■ 11.3750, 14.5133,
28.5877

■ 54.3569, 47.2121,
32.6338

■ 11.0179, 13.9811,
28.5038

■ 59.9966, 50.9356,
33.0553

Harmonies

Analogous

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



22.5664, 25.1298, 28.1337



22.8696, 25.1298, 30.0307



23.4471, 25.1298, 31.2478

Triad

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



22.8696, 25.1298, 30.0307



25.2059, 25.1298, 28.6437



23.6192, 25.1298, 23.6913

Complementary

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



22.8696, 25.1298, 30.0307



23.0537, 23.1104, 22.6482

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.



24.3285, 25.1298, 23.8126



22.8696, 25.1298, 30.0307



25.2542, 25.1298, 26.6047

Square

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



22.8696, 25.1298, 30.0307



24.7996, 25.1298, 30.4200



24.9303, 25.1298, 24.8564



22.9934, 25.1298, 24.5163

Rectangle

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



22.8696, 25.1298, 30.0307



23.9147, 25.1298, 31.4752



24.9303, 25.1298, 24.8564



23.8556, 25.1298, 23.6238

Sweetspot

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



22.8703, 25.1308, 30.0313



44.6629, 47.6239, 53.3764



22.3803, 25.8866, 24.5168



10.1627, 10.8613, 12.2330



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.



22.8703, 25.1308, 30.0313



38.9578, 43.2514, 52.8331



21.5680, 22.5262, 29.5972



5.4653, 5.9263, 6.8846



9.6116, 12.2092, 24.8271



0.1075, 0.1479, 0.2426

Inverse Universe

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



23.5694, 22.4905, 27.9111



40.4625, 37.6484, 48.2519



24.3353, 25.6735, 23.0754



5.5783, 5.4919, 6.5435



12.6546, 6.2189, 14.3644



0.1289, 0.0626, 0.1787

Previews

White Background



This preview shows how the XYZ color 22.8696, 25.1298, 30.0307 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 22.8696, 25.1298, 30.0307 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

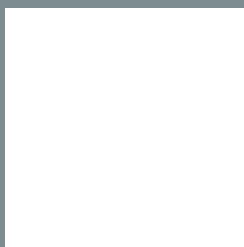
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8696, 25.1298, 30.0307

Background



This preview shows how black text looks on a background with the XYZ color 22.8696, 25.1298, 30.0307.



This preview shows how white text looks on a background with the XYZ color 22.8696, 25.1298,

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

22.8696, 25.1298, 30.0307

Protanopia

24.1679, 24.9646, 29.1360

Deuteranopia

25.5310, 25.0224, 30.2722



Tritanopia

23.3418, 25.1029, 32.4693

Trichromacy



Original Color

22.8696, 25.1298, 30.0307

Protanomaly

23.5765, 24.8610, 29.5426

Deuteranomaly

24.5625, 25.1416, 30.3463

Tritanomaly

23.1821, 25.0390, 31.6282

Monochromacy



Original Color

22.8696, 25.1298, 30.0307

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1216, 24.6609, 27.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8696, 25.1298, 30.0307 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(125, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(125, 140, 144)  
}
```

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(125, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 140, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.8696, 25.1298, 30.0307 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(125, 140, 144) }
```


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

```
.border{ border-color:rgb(125, 140, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(125, 140,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8696, 25.1298, 30.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 140, 144) }
```

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

```
.background{ background-color: rgb(125,  
140, 144) }
```

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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