

Converting Colors

XYZ(22.8263, 22.7476, 25.3747)

Have a look what the booklet for
XYZ(22.8263, 22.7476, 25.3747)
contains.

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Color

**XYZ(22.7680, 22.7072,
25.3732)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8085
RGB	140, 128, 133
RGB Percent	55%, 50%, 52%
CMY	0.4510, 0.4980, 0.4784
CMYK	0.00, 0.09, 0.05, 0.45
HSL	335°, 5%, 53%
HSV	335°, 9%, 55%
XYZ	22.7680, 22.7072, 25.3732
YIQ	132.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

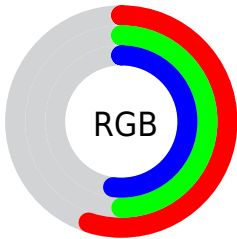
Format	Color
R_{YB}	140, 128, 133
Decimal	9207941
CIE Lab	54.77, 5.49, -1.06
CIE LCh	55, 5.587, 349.081
Yxy	22.7072, 0.3214, 0.3205
Android (android.graphics.Color)	4287398021 (0xFF8C8085)
YUV	132.1580, 0.4151, 6.8774
Hunter-Lab	47.6521, 1.8956, 1.7864

Details

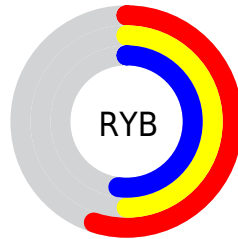
The XYZ color **22.7680, 22.7072, 25.3732** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6542, 25.0952, 26.5727**, and the grayscale version is **21.9868, 23.1318, 25.1905**.

A 20% lighter version of the original color is **47.6349, 48.0623, 53.2207**, and **8.6127, 8.4057, 9.5560** is the 20% darker color. If you saturate the color by 10%, you get **20.5240, 19.0873, 21.9485**, and if you desaturate by 10%, it is **25.3092, 26.8506, 29.1141**.

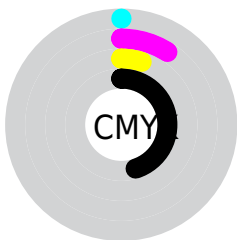
Distribution



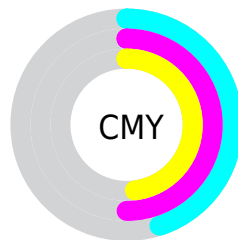
- Red (55%)
- Green (50%)
- Blue (52%)



- Red (55%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7680, 22.7072, 25.3732 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 22.7680, 22.7072, 25.3732 by changing the saturation by 10% instead.

■ 22.7680, 22.7072,
25.3732

■ 22.7680, 22.7072,
25.3732

259.0888,
266.2175, 293.1984

■ 14.5420, 14.3775,
16.1338

■ 47.4816, 47.9121,
53.2336

■ 8.5828, 8.3837,
9.4635

■ 64.6999, 65.5560,
72.6917

■ 4.5250, 4.3414,
4.9438

■ 85.6464, 87.0735,
96.3931

■ 2.0032, 1.8663,
2.1562

110.6864,
112.8489, 124.7563

■ 0.6358, 0.5280,
0.6489

140.1853,
143.2666, 158.1999

■ 0.0000, 0.0000,
0.0000

174.5084,

178.7110, 197.1424

214.0211,
219.5665, 242.0024

■ 22.7680, 22.7072,
25.3732

■ 22.7680, 22.7072,
25.3732

■ 20.5240, 19.0873,
21.9485

■ 25.3092, 26.8506,
29.1141

■ 18.5640, 15.9669,
18.8298

■ 28.1562, 31.5343,
33.1780

■ 16.8766, 13.3249,
16.0086

■ 31.3198, 36.7779,
37.5733

■ 15.4490, 11.1371,
13.4753

■ 34.8097, 42.5992,
42.3077

■ 14.2673, 9.3774,
11.2198

■ 38.6349, 49.0152,
47.3886

■ 13.3160, 8.0170,
9.2312

■ 42.8044, 56.0422,
52.8231

■ 12.5780, 7.0235,
7.4979

■ 47.3266, 63.6959,
58.6181

■ 12.0335, 6.3593,
6.0069

■ 52.2098, 71.9913,
64.7805

■ 11.6392, 5.9398,
4.7371

■ 57.4618, 80.9430,
71.3167

Harmonies

Analogous

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



22.4911, 22.7072, 27.0162



22.7680, 22.7072, 25.3732



22.7228, 22.7072, 23.6305

Triad

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



22.7680, 22.7072, 25.3732



21.1972, 22.7072, 21.6515



20.8150, 22.7072, 27.3805

Complementary

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



22.7680, 22.7072, 25.3732



22.6542, 25.0952, 26.5727

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.



20.4811, 22.7072, 25.8513



22.7680, 22.7072, 25.3732



20.6988, 22.7072, 22.5658

Square

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



22.7680, 22.7072, 25.3732



21.8079, 22.7072, 21.5372



20.4389, 22.7072, 24.0865



21.3587, 22.7072, 28.2113

Rectangle

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



22.7680, 22.7072, 25.3732



22.5162, 22.7072, 22.6444



20.4389, 22.7072, 24.0865



20.6750, 22.7072, 26.9278

Sweetspot

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



22.7686, 22.7082, 25.3737



42.5424, 43.9406, 48.2960



22.4452, 22.4837, 27.9681



9.7248, 9.9979, 11.0138



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.



22.7686, 22.7082, 25.3737



39.4570, 38.9254, 43.7058



22.5625, 22.8354, 23.6417



5.1136, 5.0809, 5.6869



10.3051, 5.2321, 4.1107



0.0755, 0.0376, 0.0643

Inverse Universe

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



22.7686, 22.7082, 25.3737



39.4570, 38.9254, 43.7058



22.8690, 24.9485, 28.4215



5.1136, 5.0809, 5.6869



10.3051, 5.2321, 4.1107



0.0755, 0.0376, 0.0643

Previews

White Background



This preview shows how the XYZ color 22.7680, 22.7072, 25.3732 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 22.7680, 22.7072, 25.3732 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 22.7680, 22.7072, 25.3732

Background



This preview shows how black text looks on a background with the XYZ color 22.7680, 22.7072, 25.3732.



This preview shows how white text looks on a background with the XYZ color 22.7680, 22.7072,

25.3732.

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

22.7680, 22.7072, 25.3732

Protanopia

21.8014, 22.5920, 25.7659

Deuteranopia

23.1507, 22.7118, 25.3540



Tritanopia

23.0892, 22.6476, 26.8214

Trichromacy



Original Color

22.7680, 22.7072, 25.3732

Protanomaly

22.1450, 22.5726, 25.7440

Deuteranomaly

22.9783, 22.6230, 25.3459

Tritanomaly

23.0178, 22.6190, 26.4453

Monochromacy



Original Color

22.7680, 22.7072, 25.3732

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2728, 23.0494, 25.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7680, 22.7072, 25.3732 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(140, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 133)  
}
```

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(140, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 133) }
```

Border

The CSS property to change the border of an element to XYZ 22.7680, 22.7072, 25.3732 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(140, 128, 133) }
```


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

```
.border{ border-color:rgb(140, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7680, 22.7072, 25.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 133) }
```

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

```
.background{ background-color: rgb(140,  
128, 133) }
```

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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