

Converting Colors

XYZ(22.5074, 22.5493, 25.5666)

Have a look what the booklet for
XYZ(22.5074, 22.5493, 25.5666)
contains.

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Color

**XYZ(22.5035, 22.5628,
25.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8086
RGB	138, 128, 134
RGB Percent	54%, 50%, 53%
CMY	0.4588, 0.4980, 0.4745
CMYK	0.00, 0.07, 0.03, 0.46
HSL	324°, 4%, 52%
HSV	324°, 7%, 54%
XYZ	22.5035, 22.5628, 25.7233
YIQ	131.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

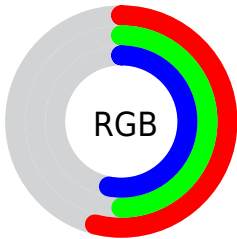
Format	Color
R _Y B	138, 128, 134
Decimal	9076870
CIE Lab	54.62, 4.93, -1.88
CIE LCh	55, 5.274, 339.104
Yxy	22.5628, 0.3179, 0.3187
Android (android.graphics.Color)	4287266950 (0xFF8A8086)
YUV	131.6740, 1.1467, 5.5479
Hunter-Lab	47.5003, 1.4397, 1.1423

Details

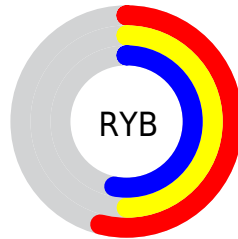
The XYZ color **22.5035, 22.5628, 25.7233** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1563, 24.4328, 25.3792**, and the grayscale version is **21.8103, 22.9461, 24.9883**.

A 20% lighter version of the original color is **46.9794, 47.7120, 53.7470**, and **8.4207, 8.3068, 9.5471** is the 20% darker color. If you saturate the color by 10%, you get **20.4496, 19.0550, 23.1882**, and if you desaturate by 10%, it is **24.8236, 26.5702, 28.4469**.

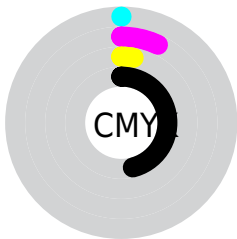
Distribution



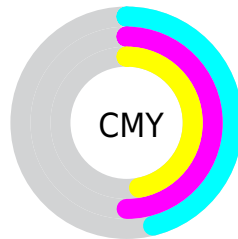
- Red (54%)
- Green (50%)
- Blue (53%)



- Red (54%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5035, 22.5628, 25.7233 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 22.5035, 22.5628, 25.7233 by changing the saturation by 10% instead.

■ 22.5035, 22.5628,
25.7233

■ 22.5035, 22.5628,
25.7233

257.7477,
265.4714, 294.9833

■ 14.3460, 14.2710,
16.3928

■ 47.0495, 47.6744,
53.8068

■ 8.4450, 8.3094,
9.6452

■ 64.1686, 65.2631,
73.3970

■ 4.4352, 4.2936,
5.0618

■ 85.0057, 86.7195,
97.2441

■ 1.9512, 1.8391,
2.2242

109.9261,
112.4280, 125.7667

■ 0.6063, 0.5114,
0.6883

139.2952,
142.7731, 159.3834

■ 0.0000, 0.0000,
0.0000

173.4782,

178.1391, 198.5127

212.8406,
218.9104, 243.5731

■ 22.5035, 22.5628,
25.7233

■ 22.5035, 22.5628,
25.7233

■ 20.4496, 19.0550,
23.1882

■ 24.8236, 26.5702,
28.4469

■ 18.6499, 16.0242,
20.8353

■ 27.4176, 31.0931,
31.3622

■ 17.0942, 13.4503,
18.6599

■ 30.2952, 36.1499,
34.4741

■ 15.7710, 11.3105,
16.6567

■ 33.4650, 41.7576,
37.7869

■ 14.6676, 9.5804,
14.8197

■ 36.9352, 47.9322,
41.3048

■ 13.7703, 8.2327,
13.1428

■ 40.7139, 54.6892,
45.0318

■ 13.0636, 7.2371,
11.6190

■ 44.8086, 62.0435,
48.9717

■ 12.5296, 6.5585,
10.2407

■ 49.2268, 70.0092,
53.1282

■ 12.1351, 6.1309,
8.9950

■ 53.9755, 78.6003,
57.5051

Harmonies

Analogous

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



22.1560, 22.5628, 27.1284



22.5035, 22.5628, 25.7233



22.5648, 22.5628, 24.0654

Triad

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



22.5035, 22.5628, 25.7233



21.2694, 22.5628, 21.5480



20.5919, 22.5628, 26.6359

Complementary

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



22.5035, 22.5628, 25.7233



22.1563, 24.4328, 25.3792

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.



20.3634, 22.5628, 25.0756



22.5035, 22.5628, 25.7233



20.7499, 22.5628, 22.1723

Square

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



22.5035, 22.5628, 25.7233



21.8453, 22.5628, 21.7039



20.4207, 22.5628, 23.4460



21.0502, 22.5628, 27.6715

Rectangle

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



22.5035, 22.5628, 25.7233



22.4340, 22.5628, 23.0469



20.4207, 22.5628, 23.4460



20.4861, 22.5628, 26.1526

Sweetspot

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



22.5041, 22.5638, 25.7238



41.7344, 43.3341, 47.7971



21.8232, 22.1799, 27.1761



9.3736, 9.7417, 10.7356



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.5041, 22.5638, 25.7238



38.9255, 38.4998, 44.4459



22.1636, 22.4276, 23.9307



5.1505, 5.0956, 5.8811



11.0412, 5.5266, 7.9870



0.0806, 0.0396, 0.0913

Inverse Universe

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



22.5041, 22.5638, 25.7238



38.9255, 38.4998, 44.4459



22.5066, 24.5729, 27.2242



5.1505, 5.0956, 5.8811



11.0412, 5.5266, 7.9870



0.0806, 0.0396, 0.0913

Previews

White Background



This preview shows how the XYZ color 22.5035, 22.5628, 25.7233 looks on a white background.

Color Contrast Check

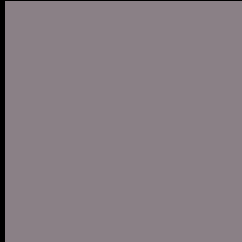
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5035, 22.5628, 25.7233 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 22.5035, 22.5628, 25.7233

Background



This preview shows how black text looks on a background with the XYZ color 22.5035, 22.5628, 25.7233.



This preview shows how white text looks on a background with the XYZ color 22.5035, 22.5628,

25.7233.

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

22.5035, 22.5628, 25.7233

Protanopia

21.8715, 22.6201, 26.1350

Deuteranopia

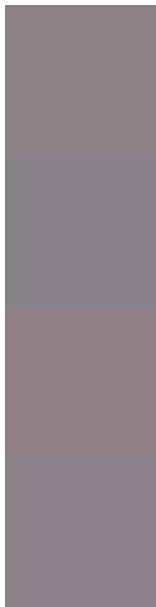
23.0478, 22.6508, 25.7115



Tritanopia

22.7522, 22.4739, 26.8056

Trichromacy



Original Color

22.5035, 22.5628, 25.7233

Protanomaly

22.0549, 22.5181, 26.1057

Deuteranomaly

22.8770, 22.5627, 25.7035

Tritanomaly

22.6808, 22.4453, 26.4295

Monochromacy



Original Color

22.5035, 22.5628, 25.7233

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1815, 22.9944, 25.4596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5035, 22.5628, 25.7233 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(138, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(138, 128, 134)  
}
```

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(138, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.5035, 22.5628, 25.7233 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(138, 128, 134) }
```


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

```
.border{ border-color:rgb(138, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(138, 128,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5035, 22.5628, 25.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 128, 134) }
```

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

```
.background{ background-color: rgb(138,  
128, 134) }
```

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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