

Converting Colors

XYZ(22.0740, 22.5696, 22.5503)

Have a look what the booklet for
XYZ(22.0740, 22.5696, 22.5503)
contains.

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Color

**XYZ(22.0332, 22.5845,
22.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	8A817D
RGB	138, 129, 125
RGB Percent	54%, 51%, 49%
CMY	0.4588, 0.4941, 0.5098
CMYK	0.00, 0.07, 0.09, 0.46
HSL	18°, 5%, 52%
HSV	18°, 9%, 54%
XYZ	22.0332, 22.5845, 22.6000
YIQ	131.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

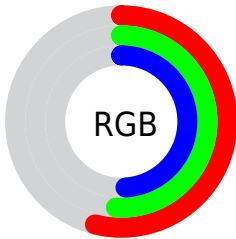
Format	Color
R_{YB}	138, 131, 125
Decimal	9077117
CIE _{Lab}	54.64, 2.66, 3.38
CIE _{LCh}	55, 4.300, 51.803
Yxy	22.5845, 0.3278, 0.3360
Android (android.graphics.Color)	4287267197 (0xFF8A817D)
YUV	131.2350, -3.0739, 5.9329
Hunter-Lab	47.5232, -0.4074, 5.0704

Details

The XYZ color **22.0332, 22.5845, 22.6000** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5699, 23.2447, 27.3949**, and the grayscale version is **21.6669, 22.7953, 24.8241**.

A 20% lighter version of the original color is **46.2497, 47.7466, 48.8979**, and **8.1977, 8.3338, 8.0140** is the 20% darker color. If you saturate the color by 10%, you get **20.0125, 19.8571, 17.8750**, and if you desaturate by 10%, it is **24.2953, 25.5981, 28.0104**.

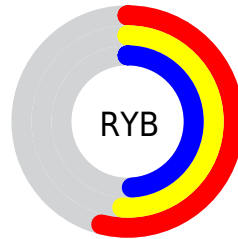
Distribution



Red (54%)

Green (51%)

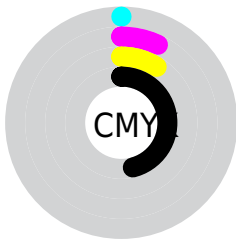
Blue (49%)



Red (54%)

Yellow (51%)

Blue (49%)

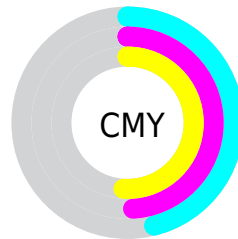


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0332, 22.5845, 22.6000 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 22.0332, 22.5845, 22.6000 by changing the saturation by 10% instead.

■ 22.0332, 22.5845,
22.6000

■ 22.0332, 22.5845,
22.6000

255.3487,
265.5837, 278.7188

■ 13.9980, 14.2870,
14.0959

■ 46.2793, 47.7102,
48.6505

■ 8.2010, 8.3206,
8.0479

■ 63.2210, 65.3071,
67.0340

■ 4.2767, 4.3007,
4.0374

■ 83.8622, 86.7727,
89.5478

■ 1.8598, 1.8432,
1.6459

108.5683,
112.4913, 116.6103

■ 0.5533, 0.5139,
0.3232

137.7046,
142.8473, 148.6401

■ 0.0000, 0.0000,
0.0000

171.6366,

178.2251, 186.0558

210.7295,
219.0091, 229.2758

■ 22.0332, 22.5845,
22.6000

■ 22.0332, 22.5845,
22.6000

■ 20.0125, 19.8571,
17.8750

■ 24.2953, 25.5981,
28.0104

■ 18.2231, 17.4045,
13.8064

■ 26.8047, 28.9031,
34.1306

■ 16.6569, 15.2189,
10.3654

■ 29.5696, 32.5081,
40.9858

■ 15.3045, 13.2909,
7.5202

■ 32.5969, 36.4205,
48.5994

■ 14.1561, 11.6107,
5.2364

■ 35.8937, 40.6476,
56.9937

■ 13.2007, 10.1676,
3.4761

■ 39.4664, 45.1962,
66.1901

■ 12.4264, 8.9503,
2.1965

■ 43.3214, 50.0731,
76.2094

■ 11.8195, 7.9461,
1.3479

■ 47.4649, 55.2848,
87.0712

■ 11.3512, 7.1360,
0.8021

■ 51.9028, 60.8376,
98.7948

Harmonies

Analogous

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



22.3214, 22.5845, 23.6359



22.0332, 22.5845, 22.6000



21.5958, 22.5845, 22.1017

Triad

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



22.0332, 22.5845, 22.6000



20.5782, 22.5845, 24.2212



21.8055, 22.5845, 27.0891

Complementary

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



22.0332, 22.5845, 22.6000



21.5699, 23.2447, 27.3949

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.



21.3365, 22.5845, 27.2598



22.0332, 22.5845, 22.6000



20.6325, 22.5845, 25.5708

Square

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



22.0332, 22.5845, 22.6000



20.7591, 22.5845, 23.0150



20.9084, 22.5845, 26.6950



22.1886, 22.5845, 26.2367

Rectangle

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



22.0332, 22.5845, 22.6000



21.2804, 22.5845, 22.1282



20.9084, 22.5845, 26.6950



21.6525, 22.5845, 27.2294

Sweetspot

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



22.0338, 22.5855, 22.6005



41.3218, 43.1267, 45.7552



22.1252, 21.7949, 25.6319



9.2010, 9.5837, 10.1015



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.



22.0338, 22.5855, 22.6005



38.1603, 38.9008, 38.2368



22.9031, 24.3241, 22.8902



5.1503, 5.2835, 5.3008



10.3968, 6.5280, 0.7121



0.0809, 0.0670, 0.0087

Inverse Universe

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



21.5699, 23.2447, 27.3949



37.1967, 40.2699, 48.1956



20.7123, 21.5295, 27.1090



5.0451, 5.4331, 6.3886



8.0135, 9.2974, 23.4179



0.0663, 0.0878, 0.1599

Previews

White Background



This preview shows how the XYZ color 22.0332, 22.5845, 22.6000 looks on a white background.

Color Contrast Check

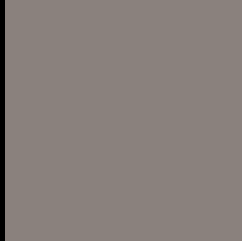
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0332, 22.5845, 22.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

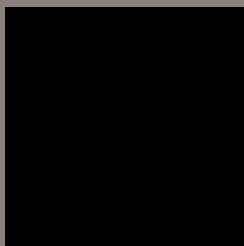
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

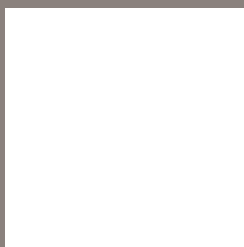
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0332, 22.5845, 22.6000

Background



This preview shows how black text looks on a background with the XYZ color 22.0332, 22.5845, 22.6000.



This preview shows how white text looks on a background with the XYZ color 22.0332, 22.5845,

22.6000.

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

22.0332, 22.5845, 22.6000

Protanopia

21.5800, 22.5400, 22.9519

Deuteranopia

22.9038, 22.4478, 22.8644



Tritanopia

22.9199, 22.5603, 26.8135

Trichromacy



Original Color

22.0332, 22.5845, 22.6000

Protanomaly

21.7402, 22.6225, 22.9594

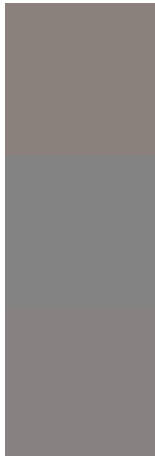
Deuteranomaly

22.5106, 22.4359, 22.8828

Tritanomaly

22.6003, 22.6208, 25.3654

Monochromacy



Original Color

22.0332, 22.5845, 22.6000

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.7766, 22.6186, 23.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0332, 22.5845, 22.6000 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, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 129, 125)  
}
```

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, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 129, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.0332, 22.5845, 22.6000 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, 129, 125) }
```


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

```
.border{ border-color:rgb(138, 129, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 129, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 129, 125);  
box-shadow:4px 4px 4px 4px rgb(138, 129,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0332, 22.5845, 22.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 129, 125) }
```

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

```
.background{ background-color: rgb(138,  
129, 125) }
```

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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