

Converting Colors

XYZ(22.2619, 22.2191, 26.7798)

Have a look what the booklet for
XYZ(22.2619, 22.2191, 26.7798)
contains.

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Color

**XYZ(22.2581, 22.2191,
26.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	887F89
RGB	136, 127, 137
RGB Percent	53%, 50%, 54%
CMY	0.4667, 0.5019, 0.4627
CMYK	0.01, 0.07, 0.00, 0.46
HSL	294°, 4%, 52%
HSV	294°, 7%, 54%
XYZ	22.2581, 22.2191, 26.7825
YIQ	130.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

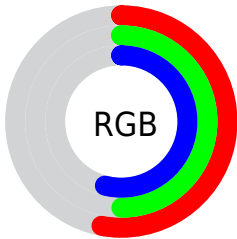
Format	Color
R_{YB}	136, 127, 137
Decimal	8945545
CIE Lab	54.26, 5.35, -4.18
CIE LCh	54, 6.789, 322.031
Yxy	22.2191, 0.3124, 0.3118
Android (android.graphics.Color)	4287135625 (0xFF887F89)
YUV	130.8310, 3.0413, 4.5332
Hunter-Lab	47.1371, 1.7975, -0.6915

Details

The XYZ color **22.2581, 22.2191, 26.7825** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6792, 24.0134, 23.5721**, and the grayscale version is **21.5026, 22.6224, 24.6358**.

A 20% lighter version of the original color is **46.6018, 47.1790, 55.3655**, and **8.2824, 8.1153, 10.1467** is the 20% darker color. If you saturate the color by 10%, you get **20.3869, 18.8045, 26.2224**, and if you desaturate by 10%, it is **24.3740, 26.1183, 27.4239**.

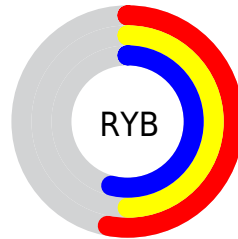
Distribution



Red (53%)

Green (50%)

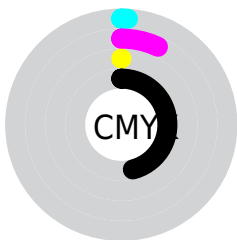
Blue (54%)



Red (53%)

Yellow (50%)

Blue (54%)

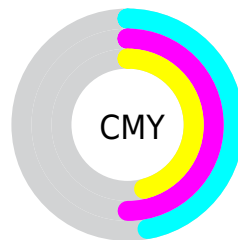


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (47%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2581, 22.2191, 26.7825 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 22.2581, 22.2191, 26.7825 by changing the saturation by 10% instead.

■ 22.2581, 22.2191,
26.7825

■ 22.2581, 22.2191,
26.7825

256.4983,
263.6883, 300.3293

■ 14.1643, 14.0180,
17.1789

■ 46.6479, 47.1079,
55.5341

■ 8.3175, 8.1332,
10.1989

■ 63.6746, 64.5643,
75.5193

■ 4.3523, 4.1803,
5.4237

■ 84.4097, 85.8746,
99.8021

■ 1.9033, 1.7749,
2.4349

109.2186,
111.4232, 128.8011

■ 0.5788, 0.4715,
0.8053

138.4665,
141.5945, 162.9347

■ 0.0000, 0.0000,
0.0000

172.5188,

176.7728, 202.6216

211.7410,
217.3427, 248.2803

■ 22.2581, 22.2191,
26.7825

■ 22.2581, 22.2191,
26.7825

■ 20.3869, 18.8045,
26.2224

■ 24.3740, 26.1183,
27.4239

■ 18.7489, 15.8524,
25.7389

■ 26.7419, 30.5174,
28.1482

■ 17.3343, 13.3431,
25.3291

■ 29.3710, 35.4347,
28.9588

■ 16.1322, 11.2544,
24.9893

■ 32.2695, 40.8865,
29.8584

■ 15.1304, 9.5623,
24.7155

■ 35.4453, 46.8887,
30.8495

■ 14.3157, 8.2403,
24.5033

■ 38.9059, 53.4562,
31.9348

■ 13.6733, 7.2586,
24.3476

■ 42.6586, 60.6035,
33.1166

■ 13.1859, 6.5829,
24.2429

■ 46.7103, 68.3446,
34.3972

■ 12.8207, 6.1473,
24.1781

■ 51.0679, 76.6930,
35.7789

Harmonies

Analogous

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



21.6558, 22.2191, 28.1625



22.2581, 22.2191, 26.7825



22.5565, 22.2191, 24.7611

Triad

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



22.2581, 22.2191, 26.7825



21.3161, 22.2191, 20.3842



19.8292, 22.2191, 25.7508

Complementary

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



22.2581, 22.2191, 26.7825



21.6792, 24.0134, 23.5721

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.



19.7431, 22.2191, 23.6333



22.2581, 22.2191, 26.7825



20.5903, 22.2191, 20.6149

Square

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



22.2581, 22.2191, 26.7825



22.0045, 22.2191, 21.1259



20.0186, 22.2191, 21.7757



20.2568, 22.2191, 27.5430

Rectangle

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



22.2581, 22.2191, 26.7825



22.5383, 22.2191, 23.3549



20.0186, 22.2191, 21.7757



19.7598, 22.2191, 25.0506

Sweetspot

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



22.2587, 22.2201, 26.7830



41.7955, 43.3491, 48.5475



20.9878, 21.7575, 26.7607



9.3863, 9.7448, 10.8925



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.



22.2587, 22.2201, 26.7830



39.1906, 38.5633, 47.7611



22.1402, 22.1915, 25.3074



5.1854, 5.1040, 6.3177



11.8609, 5.6286, 22.5070



0.0854, 0.0408, 0.1498

Inverse Universe

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



21.8029, 22.0566, 23.5312



38.1767, 38.2002, 40.5027



21.7955, 24.0426, 24.9654



5.0519, 5.0562, 5.3617



9.6841, 4.9838, 0.8411



0.0666, 0.0340, 0.0177

Previews

White Background



This preview shows how the XYZ color 22.2581, 22.2191, 26.7825 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 22.2581, 22.2191, 26.7825 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 22.2581, 22.2191, 26.7825

Background



This preview shows how black text looks on a background with the XYZ color 22.2581, 22.2191, 26.7825.



This preview shows how white text looks on a background with the XYZ color 22.2581, 22.2191,

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

22.2581, 22.2191, 26.7825

Protanopia

21.6436, 22.2813, 27.2047

Deuteranopia

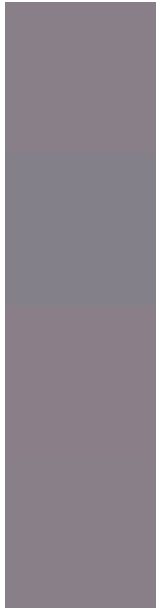
22.6237, 22.2168, 26.7628



Tritanopia

22.2581, 22.2191, 26.7825

Trichromacy



Original Color

22.2581, 22.2191, 26.7825

Protanomaly

21.8223, 22.1789, 27.1755

Deuteranomaly

22.4574, 22.1311, 26.7550

Tritanomaly

22.2581, 22.2191, 26.7825

Monochromacy



Original Color

22.2581, 22.2191, 26.7825

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8891, 22.6453, 25.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2581, 22.2191, 26.7825 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(136, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 137)  
}
```

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(136, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.2581, 22.2191, 26.7825 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(136, 127, 137) }
```


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

```
.border{ border-color:rgb(136, 127, 137) }
```

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

Here you see how a box with a 4 pixel rgb(136, 127, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2581, 22.2191, 26.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 137) }
```

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

```
.background{ background-color: rgb(136,  
127, 137) }
```

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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