

Converting Colors

XYZ(22.0250, 21.2593, 26.8736)

Have a look what the booklet for
XYZ(22.0250, 21.2593, 26.8736)
contains.

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Color

**XYZ(22.1516, 21.4042,
27.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7B8A
RGB	138, 123, 138
RGB Percent	54%, 48%, 54%
CMY	0.4588, 0.5176, 0.4588
CMYK	0.00, 0.11, 0.00, 0.46
HSL	300°, 6%, 51%
HSV	300°, 11%, 54%
XYZ	22.1516, 21.4042, 27.0087
YIQ	129.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

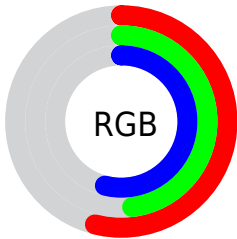
Format	Color
R_{YB}	138, 123, 138
Decimal	9075594
CIE Lab	53.39, 8.61, -6.03
CIE LCh	53, 10.509, 324.998
Yxy	21.4042, 0.3139, 0.3033
Android (android.graphics.Color)	4287265674 (0xFF8A7B8A)
YUV	129.1950, 4.3409, 7.7220
Hunter-Lab	46.2647, 4.5029, -2.2274

Details

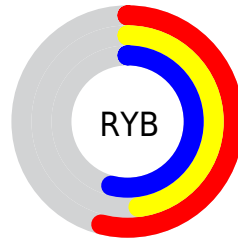
The XYZ color **22.1516, 21.4042, 27.0087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8329, 23.8186, 22.2395**, and the grayscale version is **20.9194, 22.0088, 23.9676**.

A 20% lighter version of the original color is **46.2198, 45.4979, 55.6361**, and **8.2347, 7.6768, 10.2803** is the 20% darker color. If you saturate the color by 10%, you get **20.5591, 18.2190, 26.4782**, and if you desaturate by 10%, it is **23.9867, 25.0739, 27.6206**.

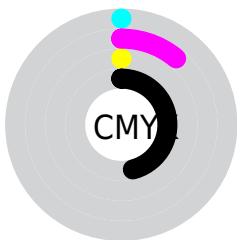
Distribution



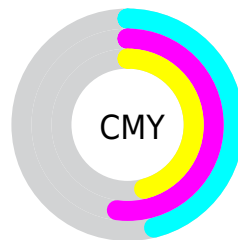
- Red (54%)
- Green (48%)
- Blue (54%)



- Red (54%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1516, 21.4042, 27.0087 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 22.1516, 21.4042, 27.0087 by changing the saturation by 10% instead.

■ 22.1516, 21.4042,
27.0087

■ 22.1516, 21.4042,
27.0087

255.9545,
259.4189, 301.4607

■ 14.0856, 13.4198,
17.3473

■ 46.4734, 45.7593,
55.9017

■ 8.2623, 7.7182,
10.3178

■ 63.4599, 62.8987,
75.9704

■ 4.3165, 3.9152,
5.5018

■ 84.1506, 83.8586,
100.3453

■ 1.8827, 1.6262,
2.4808

108.9108,
109.0234, 129.4448

■ 0.5667, 0.3752,
0.8299

138.1060,
138.7774, 163.6876

■ 0.0000, 0.0000,
0.0000

172.1014,

173.5050, 203.4921

211.2624,
213.5907, 249.2770

■ 22.1516, 21.4042,
27.0087

■ 22.1516, 21.4042,
27.0087

■ 20.5591, 18.2190,
26.4782

■ 23.9867, 25.0739,
27.6206

■ 19.1973, 15.4955,
26.0242

■ 26.0719, 29.2443,
28.3157

■ 18.0561, 13.2131,
25.6438

■ 28.4169, 33.9341,
29.0973

■ 17.1238, 11.3487,
25.3331

■ 31.0301, 39.1605,
29.9684

■ 16.3878, 9.8768,
25.0878

■ 33.9197, 44.9395,
30.9316

■ 15.8341, 8.7694,
24.9032

■ 37.0934, 51.2869,
31.9894

■ 15.4467, 7.9948,
24.7741

■ 40.5588, 58.2175,
33.1445

■ 15.2072, 7.5158,
24.6943

■ 44.3229, 65.7456,
34.3992

■ 15.0682, 7.2380,
24.6480

■ 48.3928, 73.8853,
35.7558

Harmonies

Analogous

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



21.2637, 21.4042, 29.3264



22.1516, 21.4042, 27.0087



22.5559, 21.4042, 23.8451

Triad

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



22.1516, 21.4042, 27.0087



20.5316, 21.4042, 17.7073



18.4618, 21.4042, 25.9983

Complementary

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



22.1516, 21.4042, 27.0087



20.8329, 23.8186, 22.2395

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.



18.2818, 21.4042, 22.7741



22.1516, 21.4042, 27.0087



19.4513, 21.4042, 18.1709

Square

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



22.1516, 21.4042, 27.0087



21.5990, 21.4042, 18.6283



18.6376, 21.4042, 19.9573



19.1386, 21.4042, 28.7067

Rectangle

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



22.1516, 21.4042, 27.0087



22.4865, 21.4042, 21.7521



18.6376, 21.4042, 19.9573



18.3422, 21.4042, 24.9312

Sweetspot

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



22.1522, 21.4051, 27.0092



41.5326, 42.7015, 48.4364



19.8709, 20.2751, 26.9113



9.2598, 9.4663, 10.8455



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.



22.1522, 21.4051, 27.0092



38.3316, 36.2996, 47.3694



21.6447, 21.2021, 24.3364



5.2338, 5.1290, 6.3200



13.8152, 6.6361, 22.5984



0.0918, 0.0441, 0.1501

Inverse Universe

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



21.1402, 21.0003, 21.6795



36.1868, 35.4417, 36.0744



21.3037, 24.0069, 24.7190



5.0329, 5.0486, 5.2616



9.6098, 4.9541, 0.4498



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 22.1516, 21.4042, 27.0087 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 22.1516, 21.4042, 27.0087 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 22.1516, 21.4042, 27.0087

Background



This preview shows how black text looks on a background with the XYZ color 22.1516, 21.4042, 27.0087.



This preview shows how white text looks on a background with the XYZ color 22.1516, 21.4042,

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

22.1516, 21.4042, 27.0087

Protanopia

20.9272, 21.5078, 27.8594

Deuteranopia

21.7868, 21.4012, 27.0273



Tritanopia

21.7578, 21.4271, 25.1794

Trichromacy



Original Color

22.1516, 21.4042, 27.0087

Protanomaly

21.3270, 21.5316, 27.4581

Deuteranomaly

21.9484, 21.4845, 27.0349

Tritanomaly

21.8974, 21.4829, 25.9142

Monochromacy



Original Color

22.1516, 21.4042, 27.0087

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2699, 21.7502, 24.9070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1516, 21.4042, 27.0087 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, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 123, 138)  
}
```

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, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.1516, 21.4042, 27.0087 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, 123, 138) }
```


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

```
.border{ border-color:rgb(138, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1516, 21.4042, 27.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 123, 138) }
```

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

```
.background{ background-color: rgb(138,  
123, 138) }
```

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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