

Converting Colors

XYZ(22.5204, 26.1235, 21.8718)

Have a look what the booklet for
XYZ(22.5204, 26.1235, 21.8718)
contains.

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Color

**XYZ(22.4777, 25.9941,
21.9218)**

Conversions

Conversions Part 1

Format	Color
Hex	819079
RGB	129, 144, 121
RGB Percent	51%, 56%, 47%
CMY	0.4941, 0.4353, 0.5255
CMYK	0.10, 0.00, 0.16, 0.44
HSL	99°, 9%, 52%
HSV	99°, 16%, 56%
XYZ	22.4777, 25.9941, 21.9218
YIQ	136.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

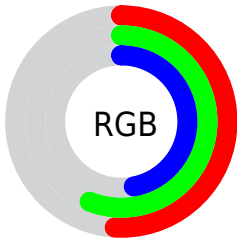
Format	Color
RYB	121, 144, 136
Decimal	8491129
CIELab	58.03, -9.90, 10.42
CIELCh	58, 14.373, 133.533
Yxy	25.9941, 0.3193, 0.3693
Android (android.graphics.Color)	4286681209 (0xFF819079)
YUV	136.8930, -7.8352, -6.9222
Hunter-Lab	50.9844, -10.5267, 10.1961

Details

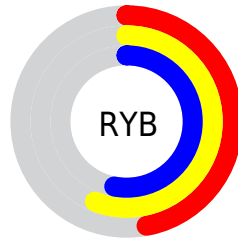
The XYZ color **22.4777, 25.9941, 21.9218** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0258, 20.9233, 29.2646**, and the grayscale version is **23.7671, 25.0048, 27.2303**.

A 20% lighter version of the original color is **47.0283, 53.3504, 47.3542**, and **8.4807, 10.1788, 7.6486** is the 20% darker color. If you saturate the color by 10%, you get **20.2982, 24.9658, 17.5491**, and if you desaturate by 10%, it is **24.9216, 27.1450, 26.9961**.

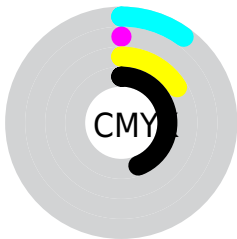
Distribution



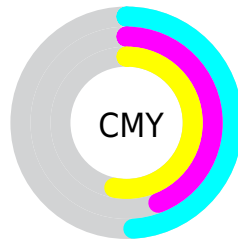
- Red (51%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4777, 25.9941, 21.9218 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 22.4777, 25.9941, 21.9218 by changing the saturation by 10% instead.

■ 22.4777, 25.9941,
21.9218

■ 22.4777, 25.9941,
21.9218

257.6166,
282.7531, 275.0778

■ 14.3269, 16.8192,
13.6017

■ 47.0073, 53.2654,
47.5172

■ 8.4316, 10.1057,
7.7086

■ 64.1167, 72.1307,
65.6297

■ 4.4265, 5.4691,
3.8240

■ 84.9432, 94.9948,
87.8432

■ 1.9461, 2.5250,
1.5293

109.8518,
122.2423, 114.5766

■ 0.6034, 0.8891,
0.2396

139.2082,
154.2575, 146.2481

■ 0.0000, 0.0000,
0.0000

173.3775,

191.4247, 183.2765

212.7252,
234.1285, 226.0802

■ 22.4777, 25.9941,
21.9218

■ 22.4777, 25.9941,
21.9218

■ 20.2982, 24.9658,
17.5491

■ 24.9216, 27.1450,
26.9961

■ 18.3717, 24.0526,
13.8456

■ 27.6368, 28.4190,
32.7994

■ 16.6889, 23.2513,
10.7786

■ 30.6322, 29.8211,
39.3593

■ 15.2393, 22.5571,
8.3122

■ 33.9159, 31.3548,
46.7019

■ 14.0112, 21.9649,
6.4068

■ 37.4956, 33.0236,
54.8517

■ 12.9922, 21.4692,
5.0183

■ 41.3788, 34.8307,
63.8323

■ 12.1680, 21.0639,
4.0956

■ 45.5725, 36.7793,
73.6664

■ 11.5195, 20.7407,
3.5627

■ 50.0836, 38.8725,
84.3757

■ 11.2931, 20.6277,
3.3863

■ 54.9189, 41.1133,
95.9811

Harmonies

Analogous

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



23.9336, 25.9941, 19.9878



22.4777, 25.9941, 21.9218



21.6413, 25.9941, 25.6784

Triad

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



22.4777, 25.9941, 21.9218



23.7723, 25.9941, 38.4982



28.0967, 25.9941, 26.1242

Complementary

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



22.4777, 25.9941, 21.9218



22.0258, 20.9233, 29.2646

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.



28.0485, 25.9941, 31.1009



22.4777, 25.9941, 21.9218



25.4961, 25.9941, 38.6540

Square

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



22.4777, 25.9941, 21.9218



22.3644, 25.9941, 35.4128



27.0782, 25.9941, 35.8163



27.2069, 25.9941, 22.2151

Rectangle

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



22.4777, 25.9941, 21.9218



21.5219, 25.9941, 28.8964



27.0782, 25.9941, 35.8163



28.1909, 25.9941, 27.7181

Sweetspot

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



22.4784, 25.9952, 21.9224



44.3515, 48.0619, 48.4520



23.7509, 24.9051, 21.6449



10.1048, 10.9906, 10.9717



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.4784, 25.9952, 21.9224



38.2797, 45.2035, 35.8928



21.5258, 25.4792, 23.0023



5.5088, 6.1149, 5.7793



9.8573, 17.9742, 2.9498



0.1163, 0.1832, 0.0292

Inverse Universe

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



22.0258, 20.9233, 29.2646



37.3324, 34.5959, 51.2481



23.1142, 21.5144, 27.9597



5.4467, 5.4184, 6.7876



8.4223, 3.8354, 23.2735



0.1044, 0.0490, 0.2236

Previews

White Background



This preview shows how the XYZ color 22.4777, 25.9941, 21.9218 looks on a white background.

Color Contrast Check

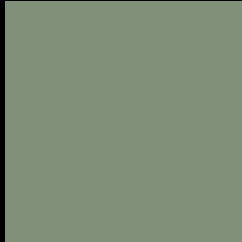
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4777, 25.9941, 21.9218 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

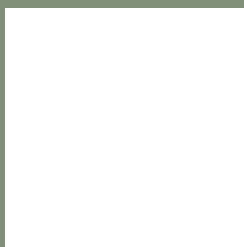
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4777, 25.9941, 21.9218

Background



This preview shows how black text looks on a background with the XYZ color 22.4777, 25.9941, 21.9218.



This preview shows how white text looks on a background with the XYZ color 22.4777, 25.9941,

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

22.4777, 25.9941, 21.9218

Protanopia

24.3567, 25.8842, 20.8520

Deuteranopia

26.3983, 25.8512, 22.3373



Tritanopia

24.7955, 26.0589, 33.0012

Trichromacy



Original Color

22.4777, 25.9941, 21.9218

Protanomaly

23.6699, 25.9571, 21.2155

Deuteranomaly

24.8141, 25.8780, 22.0995

Tritanomaly

23.7742, 25.8487, 28.5472

Monochromacy



Original Color

22.4777, 25.9941, 21.9218

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3063, 25.4632, 25.1592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4777, 25.9941, 21.9218 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(129, 144, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 144, 121)  
}
```

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(129, 144, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 144, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.4777, 25.9941, 21.9218 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(129, 144, 121) }
```


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

```
.border{ border-color:rgb(129, 144, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 144, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 144, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 144, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 144,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4777, 25.9941, 21.9218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 144, 121) }
```

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

```
.background{ background-color: rgb(129,  
144, 121) }
```

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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