

Converting Colors

XYZ(22.5348, 27.0068, 21.4621)

Have a look what the booklet for
XYZ(22.5348, 27.0068, 21.4621)
contains.

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Color

**XYZ(22.5239, 26.9473,
21.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9477
RGB	126, 148, 119
RGB Percent	49%, 58%, 47%
CMY	0.5059, 0.4196, 0.5333
CMYK	0.15, 0.00, 0.20, 0.42
HSL	106°, 12%, 52%
HSV	106°, 20%, 58%
XYZ	22.5239, 26.9473, 21.4670
YIQ	138.1160, -3.8030, -13.6830

Conversions

Conversions Part 2

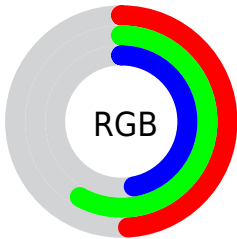
Format	Color
R_{YB}	119, 148, 141
Decimal	8295543
CIE _{Lab}	58.93, -13.54, 12.78
CIE _{LCh}	59, 18.619, 136.662
Yxy	26.9473, 0.3175, 0.3799
Android (android.graphics.Color)	4286485623 (0xFF7E9477)
YUV	138.1160, -9.4242, -10.6257
Hunter-Lab	51.9108, -13.3934, 11.8190

Details

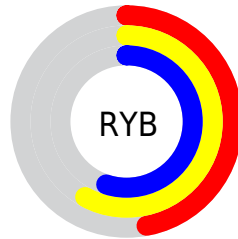
The XYZ color **22.5239, 26.9473, 21.4670** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.9276, 20.9952, 30.8624**, and the grayscale version is **24.2382, 25.5005, 27.7701**.

A 20% lighter version of the original color is **47.0616, 54.7650, 46.6184**, and **8.4726, 10.5821, 7.5572** is the 20% darker color. If you saturate the color by 10%, you get **20.1397, 25.8138, 17.0714**, and if you desaturate by 10%, it is **25.2338, 28.2343, 26.6016**.

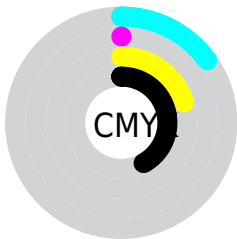
Distribution



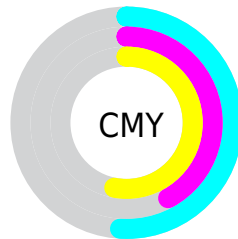
- Red (49%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5239, 26.9473, 21.4670 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 22.5239, 26.9473, 21.4670 by changing the saturation by 10% instead.

■ 22.5239, 26.9473,
21.4670

■ 22.5239, 26.9473,
21.4670

257.8514,
287.4019, 272.6121

■ 14.3611, 17.5336,
13.2712

■ 47.0828, 54.7993,
46.7543

■ 8.4556, 10.6157,
7.4827

■ 64.2096, 74.0064,
64.6829

■ 4.4421, 5.8091,
3.6828

■ 85.0552, 97.2468,
86.6929

■ 1.9552, 2.7293,
1.4530

109.9849,
124.9049, 113.2028

■ 0.6086, 0.9921,
0.1825

139.3639,
157.3651, 144.6311

■ 0.0000, 0.0000,
0.0000

173.5578,

195.0117, 181.3964

212.9318,
238.2291, 223.9172

■ 22.5239, 26.9473,
21.4670

■ 22.5239, 26.9473,
21.4670

■ 20.1397, 25.8138,
17.0714

■ 25.2338, 28.2343,
26.6016

■ 18.0667, 24.8247,
13.3791

■ 28.2791, 29.6767,
32.5052

■ 16.2921, 23.9750,
10.3541

■ 31.6718, 31.2808,
39.2081

■ 14.8017, 23.2582,
7.9565

■ 35.4224, 33.0515,
46.7388

■ 13.5798, 22.6672,
6.1421

■ 39.5413, 34.9936,
55.1242

■ 12.6092, 22.1942,
4.8610

■ 44.0381, 37.1113,
64.3898

■ 11.8705, 21.8304,
4.0551

■ 48.9224, 39.4092,
74.5604

■ 11.3274, 21.5604,
3.5817

■ 54.2032, 41.8913,
85.6595

■ 11.3083, 21.5509,
3.5637

■ 59.8892, 44.5618,
97.7100

Harmonies

Analogous

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



24.3633, 26.9473, 18.7880



22.5239, 26.9473, 21.4670



21.5395, 26.9473, 26.5105

Triad

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



22.5239, 26.9473, 21.4670



24.6042, 26.9473, 43.4977



30.0951, 26.9473, 25.8516

Complementary

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



22.5239, 26.9473, 21.4670



22.9276, 20.9952, 30.8624

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.



30.1693, 26.9473, 32.3661



22.5239, 26.9473, 21.4670



26.9039, 26.9473, 43.2505

Square

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



22.5239, 26.9473, 21.4670



22.6911, 26.9473, 39.5694



28.9715, 26.9473, 38.9376



28.7747, 26.9473, 21.0472

Rectangle

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



22.5239, 26.9473, 21.4670



21.4598, 26.9473, 30.8376



28.9715, 26.9473, 38.9376



30.2693, 26.9473, 27.8936

Sweetspot

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



22.5246, 26.9485, 21.4676



46.3210, 50.6684, 50.3985



25.0316, 26.6050, 21.2692



10.5050, 11.5338, 11.3716



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.5246, 26.9485, 21.4676



37.6166, 46.5366, 33.9296



21.9805, 26.6157, 23.8028



5.8529, 6.5320, 6.1928



9.6802, 18.4182, 3.0449



0.1415, 0.2373, 0.0383

Inverse Universe

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



22.9276, 20.9952, 30.8624



38.4729, 33.8544, 53.9414



23.5996, 21.4059, 27.9909



5.9000, 5.8394, 7.2859



10.3288, 4.7973, 24.3126



0.1527, 0.0723, 0.2988

Previews

White Background



This preview shows how the XYZ color 22.5239, 26.9473, 21.4670 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 22.5239, 26.9473, 21.4670 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 22.5239, 26.9473, 21.4670

Background



This preview shows how black text looks on a background with the XYZ color 22.5239, 26.9473, 21.4670.



This preview shows how white text looks on a background with the XYZ color 22.5239, 26.9473,

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

22.5239, 26.9473, 21.4670

Protanopia

25.2549, 26.7947, 20.3638

Deuteranopia

27.1556, 26.6702, 21.8058



Tritanopia

25.2546, 26.9170, 34.8748

Trichromacy



Original Color

22.5239, 26.9473, 21.4670

Protanomaly

24.1686, 26.8936, 20.7468

Deuteranomaly

25.1627, 26.5018, 21.5584

Tritanomaly

24.2138, 26.9496, 29.5168

Monochromacy



Original Color

22.5239, 26.9473, 21.4670

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6013, 26.0530, 25.2575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5239, 26.9473, 21.4670 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(126, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 119)  
}
```

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(126, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 119) }
```

Border

The CSS property to change the border of an element to XYZ 22.5239, 26.9473, 21.4670 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(126, 148, 119) }
```


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

```
.border{ border-color:rgb(126, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5239, 26.9473, 21.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 119) }
```

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

```
.background{ background-color: rgb(126,  
148, 119) }
```

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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