

Converting Colors

XYZ(22.4830, 25.7977, 20.8710)

Have a look what the booklet for
XYZ(22.4830, 25.7977, 20.8710)
contains.

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Color

**XYZ(22.4525, 25.7782,
20.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	838F76
RGB	131, 143, 118
RGB Percent	51%, 56%, 46%
CMY	0.4863, 0.4392, 0.5372
CMYK	0.08, 0.00, 0.17, 0.44
HSL	89°, 10%, 51%
HSV	89°, 17%, 56%
XYZ	22.4525, 25.7782, 20.9319
YIQ	136.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

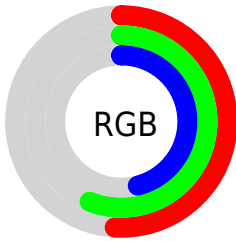
Format	Color
R_{YB}	118, 143, 130
Decimal	8621942
CIE _{Lab}	57.83, -9.13, 11.86
CIE _{LCh}	58, 14.965, 127.594
Yxy	25.7782, 0.3246, 0.3727
Android (android.graphics.Color)	4286812022 (0xFF838F76)
YUV	136.5620, -9.1511, -4.8779
Hunter-Lab	50.7722, -9.9151, 11.0970

Details

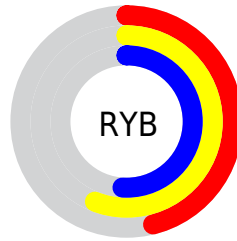
The XYZ color **22.4525, 25.7782, 20.9319** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6434, 19.6867, 28.6999**, and the grayscale version is **23.6464, 24.8778, 27.0919**.

A 20% lighter version of the original color is **46.9891, 53.0251, 45.7885**, and **8.4132, 10.0202, 7.2850** is the 20% darker color. If you saturate the color by 10%, you get **20.6382, 24.9345, 16.7423**, and if you desaturate by 10%, it is **24.4675, 26.7120, 25.8046**.

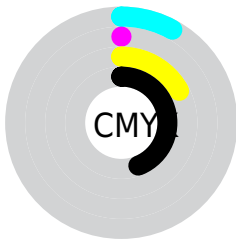
Distribution



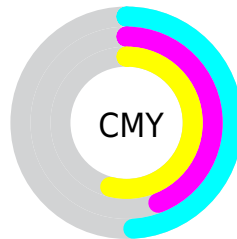
- Red (51%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4525, 25.7782, 20.9319 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 22.4525, 25.7782, 20.9319 by changing the saturation by 10% instead.

■ 22.4525, 25.7782,
20.9319

■ 22.4525, 25.7782,
20.9319

257.4885,
281.6916, 269.6855

■ 14.3082, 16.6578,
12.8835

■ 46.9661, 52.9169,
45.8535

■ 8.4185, 9.9908,
7.2186

■ 64.0661, 71.7040,
63.5637

■ 4.4179, 5.3929,
3.5187

■ 84.8820, 94.4821,
85.3317

■ 1.9412, 2.4796,
1.3652

109.7793,
121.6356, 111.5758

■ 0.6006, 0.8664,
0.1143

139.1232,
153.5489, 142.7147

■ 0.0000, 0.0000,
0.0000

173.2791,

190.6064, 179.1670

212.6124,
233.1925, 221.3510

■ 22.4525, 25.7782,
20.9319

■ 22.4525, 25.7782,
20.9319

■ 20.6382, 24.9345,
16.7423

■ 24.4675, 26.7120,
25.8046

■ 19.0154, 24.1746,
13.2036

■ 26.6880, 27.7354,
31.3872

■ 17.5772, 23.4963,
10.2834

■ 29.1209, 28.8523,
37.7073

■ 16.3154, 22.8962,
7.9462

■ 31.7724, 30.0651,
44.7905

■ 15.2210, 22.3707,
6.1524

■ 34.6483, 31.3765,
52.6610

■ 14.2842, 21.9154,
4.8580

■ 37.7541, 32.7887,
61.3422

■ 13.4935, 21.5257,
4.0116

■ 41.0953, 34.3040,
70.8563

■ 12.8293, 21.1935,
3.5179

■ 44.6771, 35.9247,
81.2247

■ 12.6740, 21.1157,
3.4078

■ 48.5045, 37.6529,
92.4681

Harmonies

Analogous

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



24.0474, 25.7782, 19.3542



22.4525, 25.7782, 20.9319



21.4425, 25.7782, 24.4611

Triad

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



22.4525, 25.7782, 20.9319



23.2073, 25.7782, 38.2514



28.0901, 25.7782, 26.7800

Complementary

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



22.4525, 25.7782, 20.9319



20.6434, 19.6867, 28.6999

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.



27.8382, 25.7782, 32.0133



22.4525, 25.7782, 20.9319



24.9611, 25.7782, 39.0692

Square

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



22.4525, 25.7782, 20.9319



21.8632, 25.7782, 34.5511



26.6713, 25.7782, 36.6657



27.3437, 25.7782, 22.4514

Rectangle

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



22.4525, 25.7782, 20.9319



21.2074, 25.7782, 27.6545



26.6713, 25.7782, 36.6657



28.1199, 25.7782, 28.4858

Sweetspot

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



22.4532, 25.7793, 20.9325



44.7269, 48.2555, 48.4696



22.5371, 23.0253, 20.3965



10.2010, 11.0403, 10.9762



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.



22.4532, 25.7793, 20.9325



38.8789, 45.5467, 34.3701



20.6782, 24.8643, 20.8494



5.5935, 6.1586, 5.7833



11.2299, 18.6818, 3.0141



0.1328, 0.1917, 0.0300

Inverse Universe

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



20.6434, 19.6867, 28.6999



35.0111, 32.5254, 50.9708



22.6213, 20.7063, 28.7924



5.3605, 5.3740, 6.7835



6.5560, 2.8734, 23.1862



0.0879, 0.0405, 0.2229

Previews

White Background



This preview shows how the XYZ color 22.4525, 25.7782, 20.9319 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 22.4525, 25.7782, 20.9319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

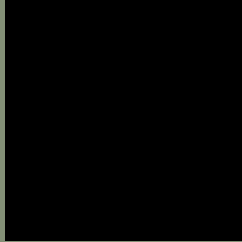
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4525, 25.7782, 20.9319

Background



This preview shows how black text looks on a background with the XYZ color 22.4525, 25.7782, 20.9319.



This preview shows how white text looks on a background with the XYZ color 22.4525, 25.7782,

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

22.4525, 25.7782, 20.9319

Protanopia

24.0949, 25.5489, 20.1845

Deuteranopia

26.2133, 25.7772, 21.3632



Tritanopia

24.8910, 25.9015, 32.5418

Trichromacy



Original Color

22.4525, 25.7782, 20.9319

Protanomaly

23.5735, 25.7032, 20.5484

Deuteranomaly

24.6699, 25.6128, 21.0963

Tritanomaly

23.7970, 25.6595, 27.7433

Monochromacy



Original Color

22.4525, 25.7782, 20.9319

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2536, 25.2278, 24.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4525, 25.7782, 20.9319 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(131, 143, 118)` looks like.

```
.text, #text, p{  
    color:rgb(131, 143, 118)  
}
```

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(131, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 143, 118) }
```

Border

The CSS property to change the border of an element to XYZ 22.4525, 25.7782, 20.9319 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(131, 143, 118) }
```


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

```
.border{ border-color:rgb(131, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(131, 143,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4525, 25.7782, 20.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 143, 118) }
```

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

```
.background{ background-color: rgb(131,  
143, 118) }
```

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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