

Converting Colors

XYZ(22.4123, 20.2466, 22.5615)

Have a look what the booklet for
XYZ(22.4123, 20.2466, 22.5615)
contains.

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Color

**XYZ(22.2911, 20.1574,
22.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	95737E
RGB	149, 115, 126
RGB Percent	58%, 45%, 49%
CMY	0.4157, 0.5490, 0.5059
CMYK	0.00, 0.23, 0.15, 0.42
HSL	341°, 14%, 52%
HSV	341°, 23%, 58%
XYZ	22.2911, 20.1574, 22.4546
YIQ	126.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

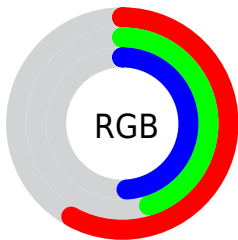
Format	Color
R_{YB}	149, 115, 126
Decimal	9794430
CIE Lab	52.01, 15.18, -0.90
CIE LCh	52, 15.203, 356.623
Yxy	20.1574, 0.3435, 0.3106
Android (android.graphics.Color)	4287984510 (0xFF95737E)
YUV	126.4200, -0.2071, 19.8027
Hunter-Lab	44.8970, 10.0545, 1.7748

Details

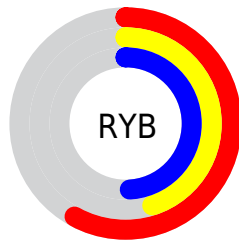
The XYZ color **22.2911, 20.1574, 22.4546** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4060, 26.9753, 28.0719**, and the grayscale version is **19.9714, 21.0115, 22.8815**.

A 20% lighter version of the original color is **46.8572, 43.7295, 48.6188**, and **8.3837, 7.1468, 7.9588** is the 20% darker color. If you saturate the color by 10%, you get **20.1094, 16.7830, 18.6784**, and if you desaturate by 10%, it is **24.8141, 24.1092, 26.6685**.

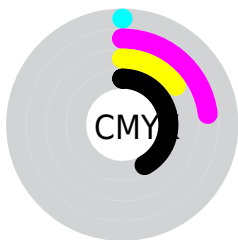
Distribution



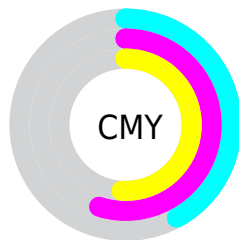
- Red (58%)
- Green (45%)
- Blue (49%)



- Red (58%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (15%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2911, 20.1574, 22.4546 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 22.2911, 20.1574, 22.4546 by changing the saturation by 10% instead.

■ 22.2911, 20.1574,
22.4546

■ 22.2911, 20.1574,
22.4546

256.6666,
252.7659, 277.9417

■ 14.1888, 12.5095,
13.9898

■ 46.7019, 43.6809,
48.4080

■ 8.3346, 7.0917,
7.9749

■ 63.7411, 60.3253,
66.7337

■ 4.3634, 3.5195,
3.9914

■ 84.4900, 80.7374,
89.1834

■ 1.9097, 1.4086,
1.6206

■ 109.3139,
105.3015, 116.1758

■ 0.5825, 0.2230,
0.3055

138.5781,
134.4020, 148.1292

■ 0.0000, 0.0000,
0.0000

172.6481,

168.4233, 185.4623

211.8891,
207.7498, 228.5937

■ 22.2911, 20.1574,
22.4546

■ 22.2911, 20.1574,
22.4546

■ 20.1094, 16.7830,
18.6784

■ 24.8141, 24.1092,
26.6685

■ 18.2523, 13.9560,
15.3240

■ 27.6909, 28.6609,
31.3326

■ 16.7040, 11.6481,
12.3764

■ 30.9353, 33.8372,
36.4607

■ 15.4468, 9.8272,
9.8193

■ 34.5601, 39.6606,
42.0652

■ 14.4611, 8.4576,
7.6350

■ 38.5771, 46.1526,
48.1583

■ 13.7245, 7.4987,
5.8043

■ 42.9979, 53.3334,
54.7519

■ 13.2110, 6.9023,
4.3058

■ 47.8335, 61.2227,
61.8570

■ 12.9322, 6.6047,
3.4110

■ 53.0944, 69.8392,
69.4848

■ 58.7909, 79.2009,
77.6457

Harmonies

Analogous

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



21.7573, 20.1574, 26.9870



22.2911, 20.1574, 22.4546



21.9490, 20.1574, 18.3406

Triad

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



22.2911, 20.1574, 22.4546



17.8541, 20.1574, 15.1671



17.5656, 20.1574, 29.8759

Complementary

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



22.2911, 20.1574, 22.4546



22.4060, 26.9753, 28.0719

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.



16.6161, 20.1574, 25.9998



22.2911, 20.1574, 22.4546



16.7762, 20.1574, 17.5789

Square

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



22.2911, 20.1574, 22.4546



19.3351, 20.1574, 14.4819



16.3350, 20.1574, 21.4490



18.9840, 20.1574, 31.6197

Rectangle

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



22.2911, 20.1574, 22.4546



21.2798, 20.1574, 16.3097



16.3350, 20.1574, 21.4490



17.1840, 20.1574, 28.7556

Sweetspot

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



22.2917, 20.1583, 22.4550



47.2825, 47.6668, 52.3987



21.9825, 19.8073, 31.0987



10.4206, 10.4720, 11.5185



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.



22.2917, 20.1583, 22.4550



37.9978, 33.1152, 36.9178



22.2866, 21.2222, 19.1424



5.8735, 5.8445, 6.4401



10.8966, 5.5637, 2.9363



0.1458, 0.0731, 0.1012

Inverse Universe

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



22.2917, 20.1583, 22.4550



37.9978, 33.1152, 36.9178



22.3684, 25.5606, 32.1888



5.8735, 5.8445, 6.4401



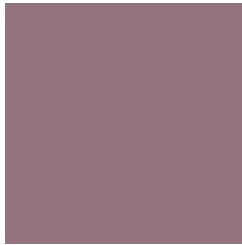
10.8966, 5.5637, 2.9363



0.1458, 0.0731, 0.1012

Previews

White Background



This preview shows how the XYZ color 22.2911, 20.1574, 22.4546 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 22.2911, 20.1574, 22.4546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

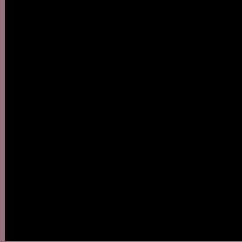
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2911, 20.1574, 22.4546

Background



This preview shows how black text looks on a background with the XYZ color 22.2911, 20.1574, 22.4546.



This preview shows how white text looks on a background with the XYZ color 22.2911, 20.1574,

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

22.2911, 20.1574, 22.4546

Protanopia

19.6166, 20.3391, 24.3647

Deuteranopia

20.5715, 20.1479, 22.2067



Tritanopia

22.1633, 20.1063, 21.7815

Trichromacy



Original Color

22.2911, 20.1574, 22.4546

Protanomaly

20.4727, 20.2463, 23.5978

Deuteranomaly

21.1646, 20.1003, 22.1663

Tritanomaly

22.2268, 20.1317, 22.1164

Monochromacy



Original Color

22.2911, 20.1574, 22.4546

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.5569, 20.4938, 22.6109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2911, 20.1574, 22.4546 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(149, 115, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 126)  
}
```

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(149, 115, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.2911, 20.1574, 22.4546 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(149, 115, 126) }
```


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

```
.border{ border-color:rgb(149, 115, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2911, 20.1574, 22.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 126) }
```

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

```
.background{ background-color: rgb(149,  
115, 126) }
```

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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