

Converting Colors

XYZ(22.5156, 21.5634, 26.1939)

Have a look what the booklet for
XYZ(22.5156, 21.5634, 26.1939)
contains.

XYZ(22.5114, 21.6062, 26.2765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.5114, 21.6062,
26.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7B88
RGB	141, 123, 136
RGB Percent	55%, 48%, 53%
CMY	0.4471, 0.5176, 0.4667
CMYK	0.00, 0.13, 0.04, 0.45
HSL	317°, 7%, 52%
HSV	317°, 13%, 55%
XYZ	22.5114, 21.6062, 26.2765
YIQ	129.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

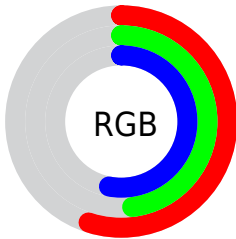
Format	Color
R_{YB}	141, 123, 136
Decimal	9272200
CIE _{Lab}	53.61, 9.33, -4.51
CIE _{LCh}	54, 10.359, 334.211
Yxy	21.6062, 0.3198, 0.3069
Android (android.graphics.Color)	4287462280 (0xFF8D7B88)
YUV	129.8640, 3.0250, 9.7663
Hunter-Lab	46.4825, 5.1030, -0.9789

Details

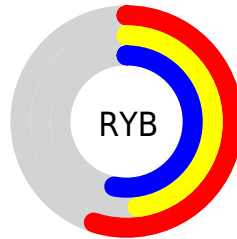
The XYZ color **22.5114, 21.6062, 26.2765** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5904, 24.8198, 24.0760**, and the grayscale version is **21.1586, 22.2605, 24.2417**.

A 20% lighter version of the original color is **47.0210, 45.9362, 54.5324**, and **8.4429, 7.7936, 9.8634** is the 20% darker color. If you saturate the color by 10%, you get **20.6136, 18.2477, 24.2955**, and if you desaturate by 10%, it is **24.6726, 25.4746, 28.3960**.

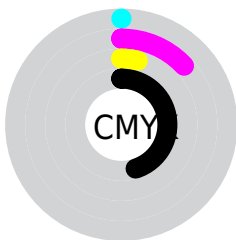
Distribution



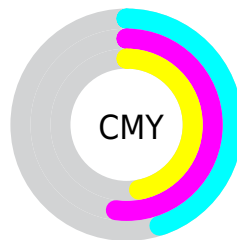
- Red (55%)
- Green (48%)
- Blue (53%)



- Red (55%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5114, 21.6062, 26.2765 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 22.5114, 21.6062, 26.2765 by changing the saturation by 10% instead.

■ 22.5114, 21.6062,
26.2765

■ 22.5114, 21.6062,
26.2765

257.7879,
260.4828, 297.7853

■ 14.3519, 13.5678,
16.8030

■ 47.0624, 46.0943,
54.7102

■ 8.4491, 7.8207,
9.9337

■ 64.1845, 63.3127,
74.5075

■ 4.4379, 3.9804,
5.2500

■ 85.0249, 84.3601,
98.5831

■ 1.9527, 1.6626,
2.3334

109.9489,
109.6206, 127.3557

■ 0.6072, 0.3993,
0.7498

139.3218,
139.4787, 161.2436

■ 0.0000, 0.0000,
0.0000

173.5090,

174.3189, 200.6655

212.8760,
214.5254, 246.0399

■ 22.5114, 21.6062,
26.2765

■ 22.5114, 21.6062,
26.2765

■ 20.6136, 18.2477,
24.2955

■ 24.6726, 25.4746,
28.3960

■ 18.9664, 15.3747,
22.4475

■ 27.1055, 29.8702,
30.6565

■ 17.5589, 12.9652,
20.7286

■ 29.8203, 34.8130,
33.0623

■ 16.3786, 10.9942,
19.1340

■ 32.8263, 40.3213,
35.6168

■ 15.4118, 9.4345,
17.6585

■ 36.1320, 46.4122,
38.3235

■ 14.6431, 8.2559,
16.2966

■ 39.7459, 53.1024,
41.1857

■ 14.0553, 7.4237,
15.0419

■ 43.6761, 60.4077,
44.2066

■ 13.6279, 6.8973,
13.8870

■ 47.9301, 68.3435,
47.3890

■ 13.3744, 6.6187,
13.0985

■ 52.5156, 76.9245,
50.7362

Harmonies

Analogous

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



21.7553, 21.6062, 28.9313



22.5114, 21.6062, 26.2765



22.7312, 21.6062, 23.0810

Triad

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



22.5114, 21.6062, 26.2765



20.3803, 21.6062, 17.9582



18.8268, 21.6062, 27.1194

Complementary

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



22.5114, 21.6062, 26.2765



21.5904, 24.8198, 24.0760

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.



18.4869, 21.6062, 23.9756



22.5114, 21.6062, 26.2765



19.3632, 21.6062, 18.8388

Square

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



22.5114, 21.6062, 26.2765



21.4754, 21.6062, 18.4557



18.6798, 21.6062, 20.9735



19.6245, 21.6062, 29.4478

Rectangle

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



22.5114, 21.6062, 26.2765



22.5377, 21.6062, 21.1147



18.6798, 21.6062, 20.9735



18.6565, 21.6062, 26.1131

Sweetspot

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



22.5120, 21.6071, 26.2770



43.6451, 44.6514, 50.3360



20.7636, 20.6638, 28.0938



9.6868, 9.8626, 11.1835



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.5120, 21.6071, 26.2770



39.4014, 37.0707, 46.1265



21.9120, 21.3671, 23.1174



5.5632, 5.4858, 6.4639



12.2017, 6.0377, 11.9796



0.1260, 0.0615, 0.1639

Inverse Universe

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



22.5120, 21.6071, 26.2770



39.4014, 37.0707, 46.1265



22.1950, 25.0617, 27.2599



5.5632, 5.4858, 6.4639



12.2017, 6.0377, 11.9796



0.1260, 0.0615, 0.1639

Previews

White Background



This preview shows how the XYZ color 22.5114, 21.6062, 26.2765 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 22.5114, 21.6062, 26.2765 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

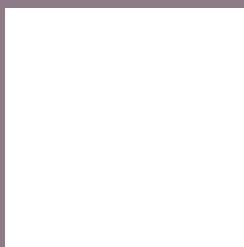
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5114, 21.6062, 26.2765

Background



This preview shows how black text looks on a background with the XYZ color 22.5114, 21.6062, 26.2765.

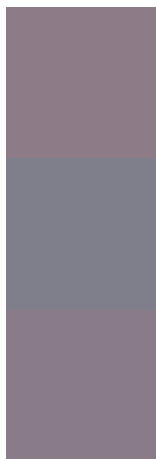


This preview shows how white text looks on a background with the XYZ color 22.5114, 21.6062,

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

22.5114, 21.6062, 26.2765

Protanopia

21.0020, 21.5548, 27.4797

Deuteranopia

21.9681, 21.5112, 26.2868



Tritanopia

22.3011, 21.5221, 25.1691

Trichromacy



Original Color

22.5114, 21.6062, 26.2765

Protanomaly

21.5640, 21.6622, 27.0894

Deuteranomaly

22.1328, 21.5962, 26.2945

Tritanomaly

22.3705, 21.5499, 25.5347

Monochromacy



Original Color

22.5114, 21.6062, 26.2765

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.5857, 21.9130, 24.9217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5114, 21.6062, 26.2765 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(141, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(141, 123, 136)  
}
```

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(141, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.5114, 21.6062, 26.2765 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(141, 123, 136) }
```


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

```
.border{ border-color:rgb(141, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(141, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5114, 21.6062, 26.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 123, 136) }
```

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

```
.background{ background-color: rgb(141,  
123, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor