

Converting Colors

XYZ(21.2308, 20.8286, 26.1656)

Have a look what the booklet for
XYZ(21.2308, 20.8286, 26.1656)
contains.

XYZ(21.2350, 20.7650, 26.1814)	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(21.2350, 20.7650,
26.1814)**

Conversions

Conversions Part 1

Format	Color
Hex	867A88
RGB	134, 122, 136
RGB Percent	53%, 48%, 53%
CMY	0.4745, 0.5216, 0.4667
CMYK	0.01, 0.10, 0.00, 0.47
HSL	291°, 6%, 51%
HSV	291°, 10%, 53%
XYZ	21.2350, 20.7650, 26.1814
YIQ	127.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

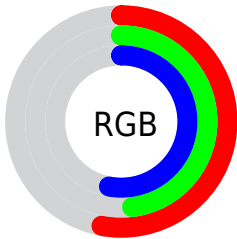
Format	Color
RYB	134, 122, 136
Decimal	8813192
CIELab	52.69, 7.31, -5.93
CIElCh	53, 9.417, 320.935
Yxy	20.7650, 0.3114, 0.3046
Android (android.graphics.Color)	4287003272 (0xFF867A88)
YUV	127.1840, 4.3463, 5.9776
Hunter-Lab	45.5686, 3.4360, -2.1670

Details

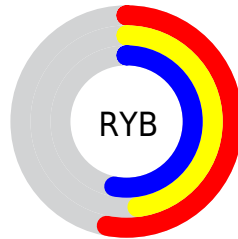
The XYZ color **21.2350, 20.7650, 26.1814** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6300, 23.2991, 21.8233**, and the grayscale version is **20.2214, 21.2745, 23.1680**.

A 20% lighter version of the original color is **44.8149, 44.5110, 54.3736**, and **7.7184, 7.3218, 9.8105** is the 20% darker color. If you saturate the color by 10%, you get **19.3740, 17.4982, 25.6492**, and if you desaturate by 10%, it is **23.3367, 24.5040, 26.7926**.

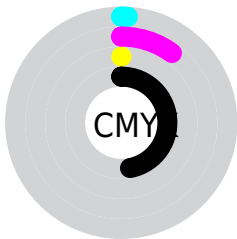
Distribution



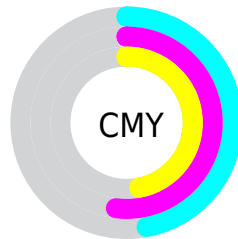
- Red (53%)
- Green (48%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2350, 20.7650, 26.1814 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 21.2350, 20.7650, 26.1814 by changing the saturation by 10% instead.

■ 21.2350, 20.7650,
26.1814

■ 21.2350, 20.7650,
26.1814

251.2329,
256.0270, 297.3052

■ 13.4093, 12.9523,
16.7324

■ 44.9666, 44.6961,
54.5551

■ 7.7899, 7.3957,
9.8840

■ 61.6033, 61.5833,
74.3169

■ 4.0115, 3.7108,
5.2175

■ 81.9077, 82.2642,
98.3534

■ 1.7086, 1.5131,
2.3145

106.2452,
107.1231, 127.0832

■ 0.4617, 0.2979,
0.7393

134.9811,
136.5444, 160.9247

■ 0.0000, 0.0000,
0.0000

168.4808,

170.9126, 200.2965

207.1096,
210.6120, 245.6171

■ 21.2350, 20.7650,
26.1814

■ 21.2350, 20.7650,
26.1814

■ 19.3740, 17.4982,
25.6492

■ 23.3367, 24.5040,
26.7926

■ 17.7420, 14.6815,
25.1916

■ 25.6862, 28.7306,
27.4846

■ 16.3295, 12.2952,
24.8054

■ 28.2930, 33.4630,
28.2607

■ 15.1251, 10.3170,
24.4871

■ 31.1651, 38.7176,
29.1235

■ 14.1168, 8.7226,
24.2325

■ 34.3104, 44.5099,
30.0758

■ 13.2911, 7.4851,
24.0371

■ 37.7364, 50.8551,
31.1200

■ 12.6327, 6.5741,
23.8960

■ 41.4504, 57.7674,
32.2584

■ 12.1239, 5.9542,
23.8032

■ 45.4593, 65.2608,
33.4935

■ 11.7225, 5.5298,
23.7424

■ 49.7698, 73.3486,
34.8274

Harmonies

Analogous

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



20.4170, 20.7650, 28.0299



21.2350, 20.7650, 26.1814



21.6551, 20.7650, 23.4699

Triad

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



21.2350, 20.7650, 26.1814



20.0347, 20.7650, 17.6911



18.0295, 20.7650, 24.5918

Complementary

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



21.2350, 20.7650, 26.1814



20.6300, 23.2991, 21.8233

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.



17.9347, 20.7650, 21.7705



21.2350, 20.7650, 26.1814



19.0713, 20.7650, 17.9373

Square

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



21.2350, 20.7650, 26.1814



20.9472, 20.7650, 18.6754



18.3102, 20.7650, 19.3783



18.5734, 20.7650, 27.0607

Rectangle

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



21.2350, 20.7650, 26.1814



21.6437, 20.7650, 21.6019



18.3102, 20.7650, 19.3783



17.9447, 20.7650, 23.6481

Sweetspot

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



21.2356, 20.7659, 26.1819



40.0556, 41.2711, 46.9033



19.6911, 20.3565, 26.1842



9.2109, 9.4411, 10.8432



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.2356, 20.7659, 26.1819



36.7444, 35.3974, 45.9441



21.2171, 20.7956, 24.4046



5.1648, 5.0934, 6.3167



11.1007, 5.2367, 22.4714



0.0827, 0.0394, 0.1497

Inverse Universe

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



20.7517, 20.6095, 21.9541



35.7461, 35.0760, 37.1676



20.6552, 23.2761, 23.4495



5.0601, 5.0595, 5.4050



9.7269, 5.0009, 1.0662



0.0678, 0.0345, 0.0240

Previews

White Background



This preview shows how the XYZ color 21.2350, 20.7650, 26.1814 looks on a white background.

Color Contrast Check

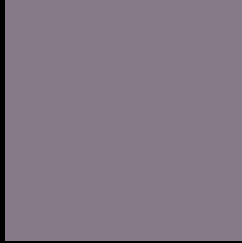
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2350, 20.7650, 26.1814 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

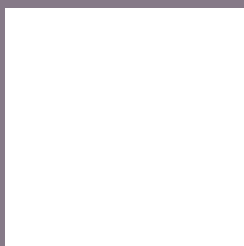
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2350, 20.7650, 26.1814

Background



This preview shows how black text looks on a background with the XYZ color 21.2350, 20.7650, 26.1814.

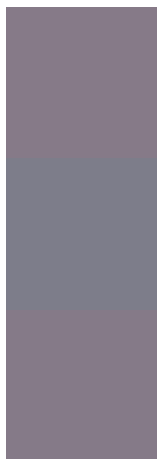


This preview shows how white text looks on a background with the XYZ color 21.2350, 20.7650,

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

21.2350, 20.7650, 26.1814

Protanopia

20.3785, 20.8622, 26.9975

Deuteranopia

21.0763, 20.6832, 26.1740



Tritanopia

20.9207, 20.8184, 24.7455

Trichromacy



Original Color

21.2350, 20.7650, 26.1814

Protanomaly

20.6251, 20.8106, 26.5967

Deuteranomaly

21.0763, 20.6832, 26.1740

Tritanomaly

20.9895, 20.8459, 25.1077

Monochromacy



Original Color

21.2350, 20.7650, 26.1814

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5688, 21.0248, 24.0932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2350, 20.7650, 26.1814 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(134, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 122, 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(134, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 122, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.2350, 20.7650, 26.1814 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(134, 122, 136) }
```


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

```
.border{ border-color:rgb(134, 122, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 122,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2350, 20.7650, 26.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 122, 136) }
```

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

```
.background{ background-color: rgb(134,  
122, 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