

Converting Colors

XYZ(21.0121, 21.3403, 24.9970)

Have a look what the booklet for
XYZ(21.0121, 21.3403, 24.9970)
contains.

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Color

**XYZ(20.9858, 21.4129,
24.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	837E84
RGB	131, 126, 132
RGB Percent	51%, 49%, 52%
CMY	0.4863, 0.5059, 0.4823
CMYK	0.01, 0.05, 0.00, 0.48
HSL	290°, 2%, 51%
HSV	290°, 5%, 52%
XYZ	20.9858, 21.4129, 24.8568
YIQ	128.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

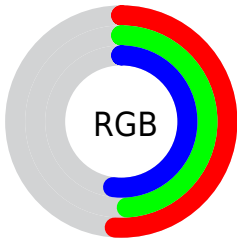
Format	Color
R_{YB}	131, 126, 132
Decimal	8617604
CIE Lab	53.40, 3.07, -2.58
CIE LCh	53, 4.013, 319.959
Yxy	21.4129, 0.3120, 0.3184
Android (android.graphics.Color)	4286807684 (0xFF837E84)
YUV	128.1790, 1.8838, 2.4740
Hunter-Lab	46.2741, -0.0279, 0.5434

Details

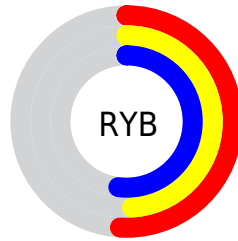
The XYZ color **20.9858, 21.4129, 24.8568** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7702, 22.5214, 22.9920**, and the grayscale version is **20.5738, 21.6453, 23.5717**.

A 20% lighter version of the original color is **44.6442, 45.9333, 52.4120**, and **7.6949, 7.7261, 9.2693** is the 20% darker color. If you saturate the color by 10%, you get **19.0712, 18.0839, 24.3155**, and if you desaturate by 10%, it is **23.1316, 25.1930, 25.4737**.

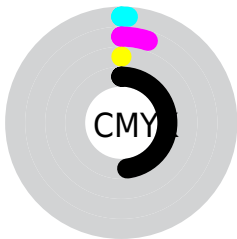
Distribution



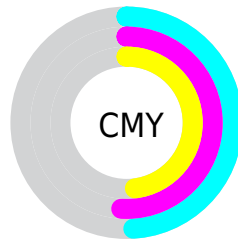
- Red (51%)
- Green (49%)
- Blue (52%)



- Red (51%)
- Yellow (49%)
- Blue (52%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9858, 21.4129, 24.8568 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 20.9858, 21.4129, 24.8568 by changing the saturation by 10% instead.

■ 20.9858, 21.4129,
24.8568

■ 20.9858, 21.4129,
24.8568

249.9362,
259.4648, 290.5489

■ 13.2260, 13.4262,
15.7523

■ 44.5554, 45.7737,
52.3861

■ 7.6624, 7.7226,
9.1966

■ 61.0958, 62.9166,
71.6479

■ 3.9297, 3.9180,
4.7711

■ 81.2939, 83.8802,
95.1327

■ 1.6624, 1.6278,
2.0572

105.5150,
109.0491, 123.2589

■ 0.4326, 0.3762,
0.5901

134.1244,
138.8076, 156.4451

■ 0.0000, 0.0000,
0.0000

167.4875,

173.5401, 195.1098

205.9696,
213.6310, 239.6715

■ 20.9858, 21.4129,
24.8568

■ 20.9858, 21.4129,
24.8568

■ 19.0712, 18.0839,
24.3155

■ 23.1316, 25.1930,
25.4737

■ 17.3773, 15.1858,
23.8454

■ 25.5150, 29.4377,
26.1674

■ 15.8954, 12.7011,
23.4439

■ 28.1444, 34.1636,
26.9410

■ 14.6155, 10.6101,
23.1077

■ 31.0272, 39.3855,
27.7969

■ 13.5270, 8.8912,
22.8333

■ 34.1706, 45.1175,
28.7377

■ 12.6180, 7.5210,
22.6167

■ 37.5814, 51.3733,
29.7654

■ 11.8754, 6.4733,
22.4537

■ 41.2663, 58.1660,
30.8823

■ 11.2843, 5.7181,
22.3390

■ 45.2315, 65.5082,
32.0905

■ 10.8243, 5.2150,
22.2662

■ 49.4832, 73.4121,
33.3920

Harmonies

Analogous

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



20.6332, 21.4129, 25.5899



20.9858, 21.4129, 24.8568



21.1695, 21.4129, 23.7264

Triad

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



20.9858, 21.4129, 24.8568



20.4955, 21.4129, 21.0808



19.5922, 21.4129, 24.1249

Complementary

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



20.9858, 21.4129, 24.8568



20.7702, 22.5214, 22.9920

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.



19.5565, 21.4129, 22.9084



20.9858, 21.4129, 24.8568



20.0740, 21.4129, 21.1791

Square

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



20.9858, 21.4129, 24.8568



20.8838, 21.4129, 21.5650



19.7317, 21.4129, 21.8383



19.8300, 21.4129, 25.1572

Rectangle

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



20.9858, 21.4129, 24.8568



21.1697, 21.4129, 22.9117



19.7317, 21.4129, 21.8383



19.5563, 21.4129, 23.7230

Sweetspot

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



20.9864, 21.4138, 24.8573



38.2507, 39.9724, 44.1526



20.3592, 21.2812, 24.8647



8.9116, 9.3171, 10.2814



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.9864, 21.4138, 24.8573



36.7648, 37.3659, 43.7278



21.0064, 21.4398, 24.1508



4.9548, 5.0230, 5.9091



10.2630, 4.8249, 21.5271



0.0406, 0.0193, 0.0748

Inverse Universe

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



20.8080, 21.3604, 23.1058



36.4131, 37.2609, 40.2676



20.7524, 22.4972, 23.6715



4.9040, 5.0078, 5.4085



9.3553, 4.8065, 1.1773



0.0342, 0.0174, 0.0138

Previews

White Background



This preview shows how the XYZ color 20.9858, 21.4129, 24.8568 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 20.9858, 21.4129, 24.8568 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

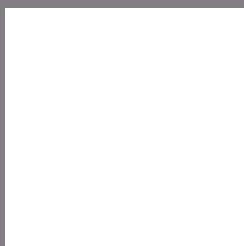
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9858, 21.4129, 24.8568

Background



This preview shows how black text looks on a background with the XYZ color 20.9858, 21.4129, 24.8568.



This preview shows how white text looks on a background with the XYZ color 20.9858, 21.4129,

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

20.9858, 21.4129, 24.8568

Protanopia

20.6563, 21.4339, 24.8782

Deuteranopia

21.8537, 21.4845, 24.8249



Tritanopia

21.2225, 21.3220, 25.9187

Trichromacy



Original Color

20.9858, 21.4129, 24.8568

Protanomaly

20.8075, 21.5118, 24.8853

Deuteranomaly

21.4901, 21.4841, 24.8440

Tritanomaly

21.1524, 21.2940, 25.5496

Monochromacy



Original Color

20.9858, 21.4129, 24.8568

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6051, 21.4308, 23.8194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9858, 21.4129, 24.8568 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, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 132)  
}
```

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, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.9858, 21.4129, 24.8568 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, 126, 132) }
```


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

```
.border{ border-color:rgb(131, 126, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9858, 21.4129, 24.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 132) }
```

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

```
.background{ background-color: rgb(131,  
126, 132) }
```

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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