

Converting Colors

XYZ(20.9998, 21.3066, 21.4181)

Have a look what the booklet for
XYZ(20.9998, 21.3066, 21.4181)
contains.

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Color

**XYZ(20.9998, 21.3066,
21.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	887D7A
RGB	136, 125, 122
RGB Percent	53%, 49%, 48%
CMY	0.4667, 0.5098, 0.5216
CMYK	0.00, 0.08, 0.10, 0.47
HSL	13°, 6%, 51%
HSV	13°, 10%, 53%
XYZ	20.9998, 21.3066, 21.4181
YIQ	127.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

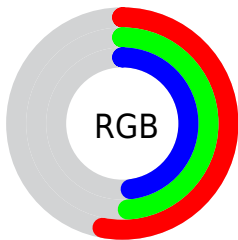
Format	Color
R_{YB}	136, 126, 122
Decimal	8945018
CIE Lab	53.28, 3.63, 3.14
CIE LCh	53, 4.803, 40.812
Yxy	21.3066, 0.3295, 0.3344
Android (android.graphics.Color)	4287135098 (0xFF887D7A)
YUV	127.9470, -2.9319, 7.0625
Hunter-Lab	46.1591, 0.4292, 4.8004

Details

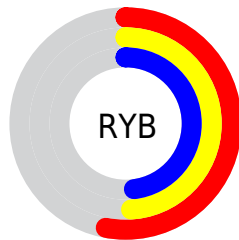
The XYZ color **20.9998, 21.3066, 21.4181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8574, 22.6898, 26.5730**, and the grayscale version is **20.5079, 21.5759, 23.4962**.

A 20% lighter version of the original color is **44.5466, 45.7156, 46.5205**, and **7.6248, 7.6284, 7.3739** is the 20% darker color. If you saturate the color by 10%, you get **18.9351, 18.4325, 16.8593**, and if you desaturate by 10%, it is **23.3291, 24.5207, 26.6475**.

Distribution



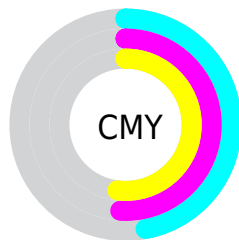
- Red (53%)
- Green (49%)
- Blue (48%)



- Red (53%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9998, 21.3066, 21.4181 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 20.9998, 21.3066, 21.4181 by changing the saturation by 10% instead.

■ 20.9998, 21.3066,
21.4181

■ 20.9998, 21.3066,
21.4181

250.0092,
258.9034, 272.3459

■ 13.2363, 13.3483,
13.2357

■ 44.5785, 45.5972,
46.6721

■ 7.6696, 7.6688,
7.4585

■ 61.1244, 62.6984,
64.5809

■ 3.9343, 3.8838,
3.6677

■ 81.3285, 83.6159,
86.5689

■ 1.6650, 1.6088,
1.4449

105.5561,
108.7343, 113.0546

■ 0.4342, 0.3635,
0.1763

134.1726,
138.4378, 144.4566

■ 0.0000, 0.0000,
0.0000

167.5434,

173.1109, 181.1935

206.0338,
213.1380, 223.6837

■ 20.9998, 21.3066,
21.4181

■ 20.9998, 21.3066,
21.4181

■ 18.9351, 18.4325,
16.8593

■ 23.3291, 24.5207,
26.6475

■ 17.1238, 15.8846,
12.9425

■ 25.9303, 28.0826,
32.5718

■ 15.5565, 13.6519,
9.6393

■ 28.8125, 32.0035,
39.2156

■ 14.2224, 11.7222,
6.9182

■ 31.9837, 36.2928,
46.6022

■ 13.1101, 10.0821,
4.7452

■ 35.4519, 40.9601,
54.7534

■ 12.2069, 8.7175,
3.0826

■ 39.2245, 46.0143,
63.6906

■ 11.4990, 7.6126,
1.8882

■ 43.3088, 51.4642,
73.4340

■ 10.9707, 6.7504,
1.1123

■ 47.7119, 57.3180,
84.0031

■ 10.5969, 6.1213,
0.6230

■ 52.4404, 63.5840,
95.4169

Harmonies

Analogous

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



21.2262, 21.3066, 22.6783



20.9998, 21.3066, 21.4181



20.5741, 21.3066, 20.6556

Triad

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



20.9998, 21.3066, 21.4181



19.3425, 21.3066, 22.2917



20.4351, 21.3066, 26.0577

Complementary

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



20.9998, 21.3066, 21.4181



20.8574, 22.6898, 26.5730

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.



19.9319, 21.3066, 25.9436



20.9998, 21.3066, 21.4181



19.3067, 21.3066, 23.7281

Square

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



20.9998, 21.3066, 21.4181



19.6194, 21.3066, 21.1452



19.5208, 21.3066, 25.0765



20.8966, 21.3066, 25.3822

Rectangle

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



20.9998, 21.3066, 21.4181



20.2374, 21.3066, 20.5124



19.5208, 21.3066, 25.0765



20.2651, 21.3066, 26.1111

Sweetspot

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



21.0004, 21.3075, 21.4186



39.9278, 41.5824, 44.2859



21.3606, 20.8526, 25.1622



9.1742, 9.5299, 10.0926



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.



21.0004, 21.3075, 21.4186



36.2567, 36.5071, 36.0738



21.8906, 23.0880, 21.7153



5.1142, 5.2113, 5.2887



10.0356, 5.8055, 0.5916



0.0757, 0.0567, 0.0069

Inverse Universe

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



20.8574, 22.6898, 26.5730



35.9603, 39.3703, 46.7523



19.9567, 20.8883, 26.2728



5.0834, 5.5097, 6.4014



9.1726, 11.6156, 23.8043



0.0714, 0.0981, 0.1616

Previews

White Background



This preview shows how the XYZ color 20.9998, 21.3066, 21.4181 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 20.9998, 21.3066, 21.4181 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

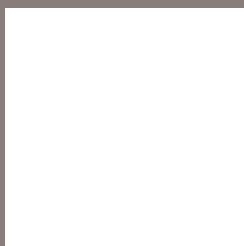
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9998, 21.3066, 21.4181

Background



This preview shows how black text looks on a background with the XYZ color 20.9998, 21.3066, 21.4181.



This preview shows how white text looks on a background with the XYZ color 20.9998, 21.3066,

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

20.9998, 21.3066, 21.4181

Protanopia

20.5246, 21.4341, 21.7943

Deuteranopia

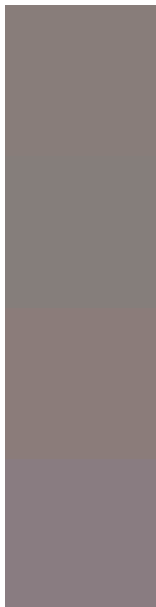
21.5803, 21.2338, 21.3735



Tritanopia

21.7978, 21.2626, 25.1455

Trichromacy



Original Color

20.9998, 21.3066, 21.4181

Protanomaly

20.7089, 21.3383, 21.7661

Deuteranomaly

21.3680, 21.3094, 21.3993

Tritanomaly

21.4866, 21.3186, 23.7513

Monochromacy



Original Color

20.9998, 21.3066, 21.4181

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7153, 21.5104, 22.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9998, 21.3066, 21.4181 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(136, 125, 122)` looks like.

```
.text, #text, p{  
    color:rgb(136, 125, 122)  
}
```

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(136, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 125, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.9998, 21.3066, 21.4181 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(136, 125, 122) }
```


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

```
.border{ border-color:rgb(136, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 125, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 125, 122); box-shadow:4px 4px 4px 4px rgb(136, 125, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9998, 21.3066, 21.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 125, 122) }
```

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

```
.background{ background-color: rgb(136,  
125, 122) }
```

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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