

Converting Colors

XYZ(21.3994, 21.9431, 24.8594)

Have a look what the booklet for
XYZ(21.3994, 21.9431, 24.8594)
contains.

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Color

**XYZ(21.3997, 22.0098,
24.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	848084
RGB	132, 128, 132
RGB Percent	52%, 50%, 52%
CMY	0.4824, 0.4980, 0.4823
CMYK	0.00, 0.03, 0.00, 0.48
HSL	300°, 2%, 51%
HSV	300°, 3%, 52%
XYZ	21.3997, 22.0098, 24.9502
YIQ	129.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

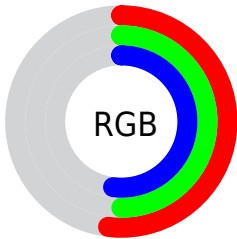
Format	Color
R_{YB}	132, 128, 132
Decimal	8683652
CIE _{Lab}	54.04, 2.29, -1.63
CIE _{LCh}	54, 2.814, 324.533
Yxy	22.0098, 0.3130, 0.3220
Android (android.graphics.Color)	4286873732 (0xFF848084)
YUV	129.6520, 1.1576, 2.0592
Hunter-Lab	46.9146, -0.6793, 1.3085

Details

The XYZ color **21.3997, 22.0098, 24.9502** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0505, 22.6508, 23.6858**, and the grayscale version is **21.0915, 22.1899, 24.1648**.

A 20% lighter version of the original color is **45.2884, 46.8648, 52.5578**, and **7.9246, 8.0555, 9.3208** is the 20% darker color. If you saturate the color by 10%, you get **19.7889, 18.7881, 24.4136**, and if you desaturate by 10%, it is **23.2357, 25.6814, 25.5624**.

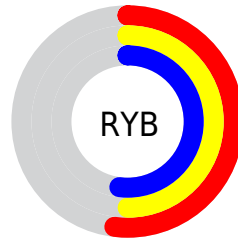
Distribution



Red (52%)

Green (50%)

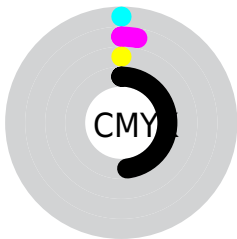
Blue (52%)



Red (52%)

Yellow (50%)

Blue (52%)

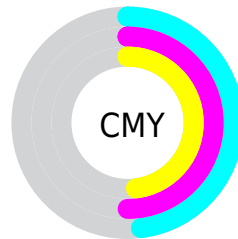


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (50%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3997, 22.0098, 24.9502 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 21.3997, 22.0098, 24.9502 by changing the saturation by 10% instead.

■ 21.3997, 22.0098,
24.9502

■ 21.3997, 22.0098,
24.9502

252.0868,
262.5974, 291.0296

■ 13.5306, 13.8641,
15.8213

■ 45.2381, 46.7622,
52.5395

■ 7.8744, 8.0262,
9.2448

■ 61.9381, 64.1377,
71.8370

■ 4.0658, 4.1117,
4.8022

■ 82.3124, 85.3585,
95.3611

■ 1.7394, 1.7363,
2.0750

106.7265,
110.8092, 123.5304

■ 0.4808, 0.4470,
0.6008

135.5456,
140.8740, 156.7633

■ 0.0000, 0.0000,
0.0000

169.1351,

175.9374, 195.4784

207.8604,
216.3837, 240.0944

■ 21.3997, 22.0098,
24.9502

■ 21.3997, 22.0098,
24.9502

■ 19.7889, 18.7881,
24.4136

■ 23.2357, 25.6814,
25.5624

■ 18.3929, 15.9963,
23.9483

■ 25.3033, 29.8163,
26.2516

■ 17.2033, 13.6172,
23.5518

■ 27.6107, 34.4308,
27.0207

■ 16.2101, 11.6310,
23.2207

■ 30.1652, 39.5397,
27.8722

■ 15.4029, 10.0168,
22.9517

■ 32.9740, 45.1571,
28.8084

■ 14.7701, 8.7513,
22.7408

■ 36.0437, 51.2964,
29.8316

■ 14.2988, 7.8089,
22.5837

■ 39.3809, 57.9707,
30.9440

■ 13.9744, 7.1604,
22.4757

■ 42.9919, 65.1924,
32.1476

■ 13.7795, 6.7707,
22.4107

■ 46.8827, 72.9739,
33.4445

Harmonies

Analogous

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



21.1635, 22.0098, 25.5215



21.3997, 22.0098, 24.9502



21.5074, 22.0098, 24.1249

Triad

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



21.3997, 22.0098, 24.9502



20.9754, 22.0098, 22.3356



20.3920, 22.0098, 24.6673

Complementary

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



21.3997, 22.0098, 24.9502



21.0505, 22.6508, 23.6858

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.



20.3427, 22.0098, 23.8057



21.3997, 22.0098, 24.9502



20.6777, 22.0098, 22.4730

Square

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



21.3997, 22.0098, 24.9502



21.2609, 22.0098, 22.6262



20.4468, 22.0098, 23.0059



20.5821, 22.0098, 25.3554

Rectangle

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



21.3997, 22.0098, 24.9502



21.4910, 22.0098, 23.5470



20.4468, 22.0098, 23.0059



20.3585, 22.0098, 24.3878

Sweetspot

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



21.4003, 22.0107, 24.9507



38.3126, 40.0042, 44.1555



20.7958, 21.7120, 24.9249



8.9251, 9.3240, 10.2820



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.



21.4003, 22.0107, 24.9507



37.3766, 38.1322, 43.8435



21.2693, 21.9584, 24.2606



5.0359, 5.1189, 5.9234



13.2450, 6.3622, 21.6666



0.0459, 0.0220, 0.0751

Inverse Universe

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



21.1320, 21.9034, 23.5373



36.7426, 37.8787, 40.5045



21.1789, 22.7022, 24.3621



4.9405, 5.0808, 5.4208



9.2136, 4.7498, 0.4314



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 21.3997, 22.0098, 24.9502 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 21.3997, 22.0098, 24.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

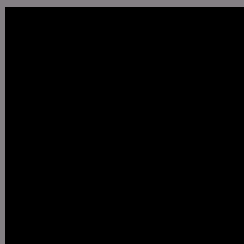
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

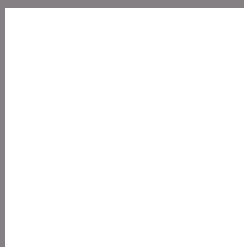
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3997, 22.0098, 24.9502

Background



This preview shows how black text looks on a background with the XYZ color 21.3997, 22.0098, 24.9502.



This preview shows how white text looks on a background with the XYZ color 21.3997, 22.0098,

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

21.3997, 22.0098, 24.9502

Protanopia

21.0900, 21.8501, 24.9357

Deuteranopia

22.3825, 21.9361, 25.2447



Tritanopia

21.7776, 21.9714, 26.7600

Trichromacy



Original Color

21.3997, 22.0098, 24.9502

Protanomaly

21.2441, 21.9296, 24.9429

Deuteranomaly

22.0110, 21.9335, 25.2638

Tritanomaly

21.6354, 21.9146, 26.0113

Monochromacy



Original Color

21.3997, 22.0098, 24.9502

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3071, 22.1645, 24.6279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3997, 22.0098, 24.9502 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(132, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 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(132, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.3997, 22.0098, 24.9502 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(132, 128, 132) }
```


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

```
.border{ border-color:rgb(132, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3997, 22.0098, 24.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 132) }
```

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

```
.background{ background-color: rgb(132,  
128, 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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