

Converting Colors

XYZ(21.1509, 22.1359, 21.1332)

Have a look what the booklet for
XYZ(21.1509, 22.1359, 21.1332)
contains.

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Color

**XYZ(21.1330, 22.1493,
21.2506)**

Conversions

Conversions Part 1

Format	Color
Hex	868179
RGB	134, 129, 121
RGB Percent	53%, 51%, 47%
CMY	0.4745, 0.4941, 0.5255
CMYK	0.00, 0.04, 0.10, 0.47
HSL	37°, 5%, 50%
HSV	37°, 10%, 53%
XYZ	21.1330, 22.1493, 21.2506
YIQ	129.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

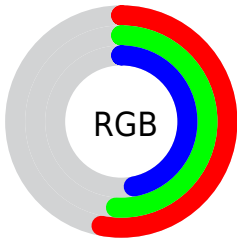
Format	Color
RYB	129, 134, 121
Decimal	8814969
CIELab	54.19, 0.39, 5.00
CIELCh	54, 5.012, 85.580
Yxy	22.1493, 0.3275, 0.3432
Android (android.graphics.Color)	4287005049 (0xFF868179)
YUV	129.5830, -4.2314, 3.8737
Hunter-Lab	47.0630, -2.2074, 6.1726

Details

The XYZ color **21.1330, 22.1493, 21.2506** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.6492, 20.7077, 25.5160**, and the grayscale version is **21.0845, 22.1826, 24.1568**.

A 20% lighter version of the original color is **44.7643, 47.0378, 46.2550**, and **7.7274, 8.1032, 7.4601** is the 20% darker color. If you saturate the color by 10%, you get **19.7063, 20.5208, 16.9985**, and if you desaturate by 10%, it is **22.7093, 23.8939, 26.1163**.

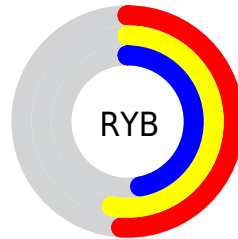
Distribution



Red (53%)

Green (51%)

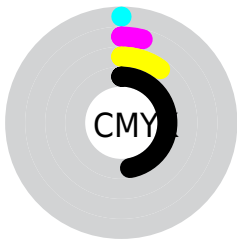
Blue (47%)



Red (51%)

Yellow (53%)

Blue (47%)

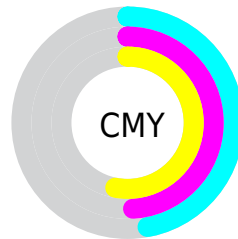


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1330, 22.1493, 21.2506 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 21.1330, 22.1493, 21.2506 by changing the saturation by 10% instead.

■ 21.1330, 22.1493,
21.2506

■ 21.1330, 22.1493,
21.2506

250.7028,
263.3250, 271.4320

■ 13.3343, 13.9666,
13.1143

■ 44.7984, 46.9926,
46.3904

■ 7.7377, 8.0975,
7.3756

■ 61.3958, 64.4221,
64.2310

■ 3.9780, 4.1574,
3.6161

■ 81.6567, 85.7026,
86.1434

■ 1.6897, 1.7620,
1.4172

105.9466,
111.2186, 112.5462

■ 0.4498, 0.4633,
0.1551

134.6308,
141.3544, 143.8579

■ 0.0000, 0.0000,
0.0000

168.0747,

176.4945, 180.4971

206.6436,
217.0232, 222.8823

■ 21.1330, 22.1493,
21.2506

■ 21.1330, 22.1493,
21.2506

■ 19.7063, 20.5208,
16.9985

■ 22.7093, 23.8939,
26.1163

■ 18.4222, 19.0025,
13.3339

■ 24.4383, 25.7544,
31.6176

■ 17.2759, 17.5925,
10.2306

■ 26.3253, 27.7343,
37.7772

■ 16.2613, 16.2874,
7.6602

■ 28.3746, 29.8363,
44.6160

■ 15.3722, 15.0840,
5.5914

■ 30.5906, 32.0627,
52.1543

■ 14.6014, 13.9785,
3.9900

■ 32.9774, 34.4159,
60.4113

■ 13.9411, 12.9669,
2.8172

■ 35.5388, 36.8982,
69.4055

■ 13.3821, 12.0446,
2.0279

■ 38.2787, 39.5118,
79.1548

■ 12.8995, 11.2006,
1.4935

■ 41.2007, 42.2588,
89.6766

Harmonies

Analogous

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



21.6493, 22.1493, 21.7282



21.1330, 22.1493, 21.2506



20.6037, 22.1493, 21.5135

Triad

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



21.1330, 22.1493, 21.2506



20.1224, 22.1493, 25.4340



21.9273, 22.1493, 25.8508

Complementary

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



21.1330, 22.1493, 21.2506



19.6492, 20.7077, 25.5160

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.



21.5073, 22.1493, 26.9222



21.1330, 22.1493, 21.2506



20.4663, 22.1493, 26.6744

Square

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



21.1330, 22.1493, 21.2506



20.0261, 22.1493, 23.8866



20.9717, 22.1493, 27.2298



22.1129, 22.1493, 24.3485

Rectangle

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



21.1330, 22.1493, 21.2506



20.3137, 22.1493, 22.0795



20.9717, 22.1493, 27.2298



21.8085, 22.1493, 26.2758

Sweetspot

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



21.1336, 22.1503, 21.2511



39.0471, 41.0416, 43.0064



20.4481, 20.2550, 22.6386



8.7503, 9.1948, 9.5442



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.



21.1336, 22.1503, 21.2511



36.5658, 38.2713, 35.4205



21.6022, 23.3932, 21.4663



4.8933, 5.1302, 4.9617



12.0861, 10.4948, 1.3887



0.0490, 0.0505, 0.0072

Inverse Universe

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



19.6492, 20.7077, 25.5160



33.3152, 35.1125, 44.7599



19.2094, 19.5559, 25.3168



4.5704, 4.8164, 5.8895



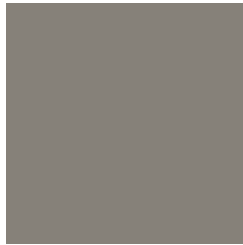
5.1731, 3.8941, 21.6157



0.0246, 0.0269, 0.0771

Previews

White Background



This preview shows how the XYZ color 21.1330, 22.1493, 21.2506 looks on a white background.

Color Contrast Check

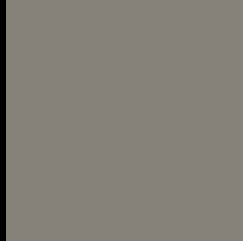
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1330, 22.1493, 21.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

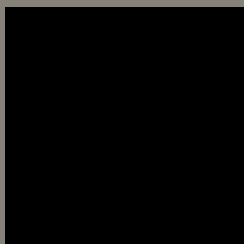
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

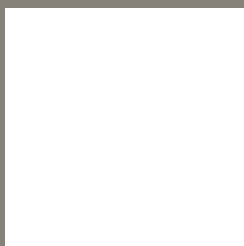
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1330, 22.1493, 21.2506

Background



This preview shows how black text looks on a background with the XYZ color 21.1330, 22.1493, 21.2506.



This preview shows how white text looks on a background with the XYZ color 21.1330, 22.1493,

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

21.1330, 22.1493, 21.2506

Protanopia

21.1330, 22.1493, 21.2506

Deuteranopia

22.5235, 22.0921, 21.4894



Tritanopia

22.2581, 22.2191, 26.7825

Trichromacy



Original Color

21.1330, 22.1493, 21.2506

Protanomaly

21.1330, 22.1493, 21.2506

Deuteranomaly

21.9582, 21.9896, 21.4994

Tritanomaly

21.8076, 22.2279, 24.6138

Monochromacy



Original Color

21.1330, 22.1493, 21.2506

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.1735, 22.3229, 23.2715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1330, 22.1493, 21.2506 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, 129, 121)` looks like.

```
.text, #text, p{  
    color:rgb(134, 129, 121)  
}
```

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, 129, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 129, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.1330, 22.1493, 21.2506 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, 129, 121) }
```


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

```
.border{ border-color:rgb(134, 129, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 129, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 129, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 129, 121);  
box-shadow:4px 4px 4px 4px rgb(134, 129,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1330, 22.1493, 21.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 129, 121) }
```

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

```
.background{ background-color: rgb(134,  
129, 121) }
```

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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