

Converting Colors

XYZ(21.0921, 21.3254, 22.7442)

Have a look what the booklet for
XYZ(21.0921, 21.3254, 22.7442)
contains.

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Color

**XYZ(21.0912, 21.3245,
22.7431)**

Conversions

Conversions Part 1

Format	Color
Hex	877D7E
RGB	135, 125, 126
RGB Percent	53%, 49%, 49%
CMY	0.4706, 0.5098, 0.5059
CMYK	0.00, 0.07, 0.07, 0.47
HSL	354°, 4%, 51%
HSV	354°, 7%, 53%
XYZ	21.0912, 21.3245, 22.7431
YIQ	128.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

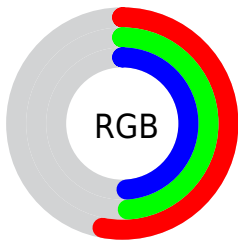
Format	Color
R_{YB}	135, 125, 126
Decimal	8879486
CIE Lab	53.30, 3.99, 0.82
CIE LCh	53, 4.073, 11.637
Yxy	21.3245, 0.3237, 0.3273
Android (android.graphics.Color)	4287069566 (0xFF877D7E)
YUV	128.1040, -1.0373, 6.0478
Hunter-Lab	46.1785, 0.7144, 3.1243

Details

The XYZ color **21.0912, 21.3245, 22.7431** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4253, 23.4097, 25.9447**, and the grayscale version is **20.5565, 21.6270, 23.5519**.

A 20% lighter version of the original color is **44.7961, 45.7868, 49.1246**, and **7.6703, 7.6360, 8.0908** is the 20% darker color. If you saturate the color by 10%, you get **18.7599, 17.8414, 18.3293**, and if you desaturate by 10%, it is **23.7513, 25.3122, 27.7371**.

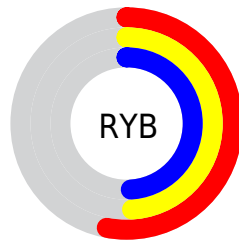
Distribution



Red (53%)

Green (49%)

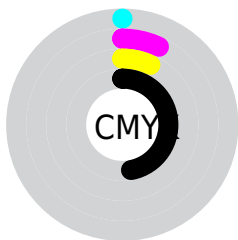
Blue (49%)



Red (53%)

Yellow (49%)

Blue (49%)

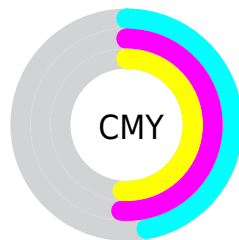


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0912, 21.3245, 22.7431 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 21.0912, 21.3245, 22.7431 by changing the saturation by 10% instead.

■ 21.0912, 21.3245,
22.7431

■ 21.0912, 21.3245,
22.7431

250.4853,
258.9980, 279.4818

■ 13.3035, 13.3614,
14.2004

■ 44.7294, 45.6270,
48.8890

■ 7.7163, 7.6779,
8.1198

■ 61.3106, 62.7351,
67.3293

■ 3.9642, 3.8895,
4.0829

■ 81.5538, 83.6605,
89.9058

■ 1.6819, 1.6120,
1.6709

105.8241,
108.7873, 117.0372

■ 0.4449, 0.3656,
0.3407

134.4871,
138.5001, 149.1420

■ 0.0000, 0.0000,
0.0000

167.9081,

173.1832, 186.6386

206.4524,
213.2211, 229.9457

■ 21.0912, 21.3245,
22.7431

■ 21.0912, 21.3245,
22.7431

■ 18.7599, 17.8414,
18.3293

■ 23.7513, 25.3122,
27.7371

■ 16.7430, 14.8402,
14.4732

■ 26.7504, 29.8205,
33.3299

■ 15.0273, 12.3004,
11.1532

■ 30.1005, 34.8683,
39.5409

■ 13.5986, 10.1992,
8.3453

■ 33.8125, 40.4726,
46.3882

■ 12.4409, 8.5116,
6.0242

■ 37.8968, 46.6497,
53.8893

■ 11.5371, 7.2104,
4.1619

■ 42.3634, 53.4152,
62.0607

■ 10.8679, 6.2648,
2.7279

■ 47.2219, 60.7841,
70.9188

■ 10.4113, 5.6396,
1.6878

■ 52.4814, 68.7709,
80.4790

■ 10.1281, 5.2663,
0.9977

■ 58.1511, 77.3896,
90.7564

Harmonies

Analogous

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



21.0654, 21.3245, 23.9748



21.0912, 21.3245, 22.7431



20.8942, 21.3245, 21.6767

Triad

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



21.0912, 21.3245, 22.7431



19.7224, 21.3245, 21.4891



20.0082, 21.3245, 25.5459

Complementary

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



21.0912, 21.3245, 22.7431



21.4253, 23.4097, 25.9447

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.



19.6550, 21.3245, 24.8323



21.0912, 21.3245, 22.7431



19.4916, 21.3245, 22.4788

Square

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



21.0912, 21.3245, 22.7431



20.1015, 21.3245, 20.9700



19.4671, 21.3245, 23.7010



20.4360, 21.3245, 25.6228

Rectangle

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



21.0912, 21.3245, 22.7431



20.6647, 21.3245, 21.1915



19.4671, 21.3245, 23.7010



19.8770, 21.3245, 25.3714

Sweetspot

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



21.0918, 21.3254, 22.7436



40.2496, 41.9024, 45.3913



21.5390, 21.4858, 25.9339



9.3365, 9.7268, 10.5406



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.



21.0918, 21.3254, 22.7436



36.9783, 37.0034, 39.2337



21.5442, 22.3328, 22.5783



4.6901, 4.6957, 4.9802



9.2861, 4.7788, 0.8130



0.0333, 0.0170, 0.0088

Inverse Universe

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



21.0918, 21.3254, 22.7436



36.9783, 37.0034, 39.2337



20.9477, 22.3426, 26.1304



4.6901, 4.6957, 4.9802



9.2861, 4.7788, 0.8130



0.0333, 0.0170, 0.0088

Previews

White Background



This preview shows how the XYZ color 21.0912, 21.3245, 22.7431 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 21.0912, 21.3245, 22.7431 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 21.0912, 21.3245, 22.7431

Background



This preview shows how black text looks on a background with the XYZ color 21.0912, 21.3245, 22.7431.



This preview shows how white text looks on a background with the XYZ color 21.0912, 21.3245,

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

21.0912, 21.3245, 22.7431

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.6641, 21.2477, 22.6981



Tritanopia

21.6641, 21.3708, 25.5374

Trichromacy



Original Color

21.0912, 21.3245, 22.7431

Protanomaly

20.8073, 21.3595, 23.1048

Deuteranomaly

21.4548, 21.3249, 22.7240

Tritanomaly

21.4577, 21.2882, 24.4508

Monochromacy



Original Color

21.0912, 21.3245, 22.7431

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7802, 21.5363, 23.1404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0912, 21.3245, 22.7431 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(135, 125, 126) looks like.

```
.text, #text, p{  
    color:rgb(135, 125, 126)  
}
```

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(135, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.0912, 21.3245, 22.7431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

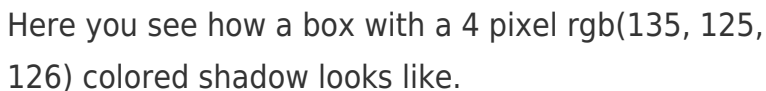
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 125, 126) }
```


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

```
.border{ border-color:rgb(135, 125, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 125, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 125, 126); box-shadow:4px 4px 4px 4px rgb(135, 125, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0912, 21.3245, 22.7431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 125, 126) }
```

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

```
.background{ background-color: rgb(135,  
125, 126) }
```

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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