

Converting Colors

XYZ(21.5161, 22.5702, 20.5417)

Have a look what the booklet for
XYZ(21.5161, 22.5702, 20.5417)
contains.

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Color

**XYZ(21.4657, 22.5314,
20.6704)**

Conversions

Conversions Part 1

Format	Color
Hex	888277
RGB	136, 130, 119
RGB Percent	53%, 51%, 47%
CMY	0.4667, 0.4902, 0.5333
CMYK	0.00, 0.04, 0.12, 0.47
HSL	39°, 7%, 50%
HSV	39°, 12%, 53%
XYZ	21.4657, 22.5314, 20.6704
YIQ	130.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

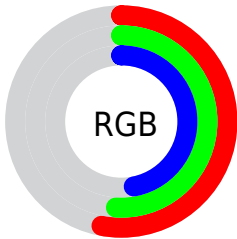
Format	Color
R_{YB}	128, 136, 119
Decimal	8946295
CIE _{Lab}	54.59, 0.24, 6.75
CIE _{LCh}	55, 6.759, 87.983
Yxy	22.5314, 0.3319, 0.3484
Android (android.graphics.Color)	4287136375 (0xFF888277)
YUV	130.5400, -5.6892, 4.7884
Hunter-Lab	47.4673, -2.3462, 7.4083

Details

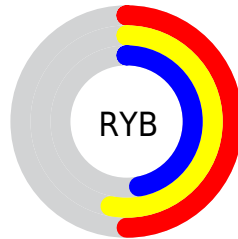
The XYZ color **21.4657, 22.5314, 20.6704** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.3852, 20.3663, 26.2020**, and the grayscale version is **21.4278, 22.5437, 24.5501**.

A 20% lighter version of the original color is **45.2704, 47.6261, 45.3348**, and **7.9175, 8.3182, 7.1495** is the 20% darker color. If you saturate the color by 10%, you get **20.0836, 20.9819, 16.4643**, and if you desaturate by 10%, it is **22.9957, 24.1892, 25.5030**.

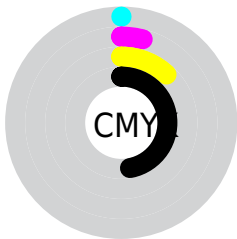
Distribution



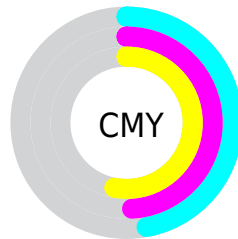
- Red (53%)
- Green (51%)
- Blue (47%)



- Red (50%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4657, 22.5314, 20.6704 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 21.4657, 22.5314, 20.6704 by changing the saturation by 10% instead.

■ 21.4657, 22.5314,
20.6704

■ 21.4657, 22.5314,
20.6704

252.4283,
265.3089, 268.2449

■ 13.5792, 14.2479,
12.6944

■ 45.3468, 47.6227,
45.4120

■ 7.9083, 8.2933,
7.0902

■ 62.0721, 65.1993,
63.0147

■ 4.0877, 4.2832,
3.4393

■ 82.4744, 86.6424,
84.6633

■ 1.7518, 1.8332,
1.3231

106.9191,
112.3364, 110.7764

■ 0.4884, 0.5077,
0.0806

135.7714,
142.6656, 141.7726

■ 0.0000, 0.0000,
0.0000

169.3969,

178.0145, 178.0704

208.1607,
218.7675, 220.0883

■ 21.4657, 22.5314,
20.6704

■ 21.4657, 22.5314,
20.6704

■ 20.0836, 20.9819,
16.4643

■ 22.9957, 24.1892,
25.5030

■ 18.8421, 19.5349,
12.8572

■ 24.6769, 25.9549,
30.9854

■ 17.7364, 18.1884,
9.8215

■ 26.5145, 27.8322,
37.1412

■ 16.7601, 16.9394,
7.3269

■ 28.5132, 29.8232,
43.9926

■ 15.9066, 15.7846,
5.3404

■ 30.6773, 31.9306,
51.5607

■ 15.1685, 14.7201,
3.8252

■ 33.0110, 34.1564,
59.8656

■ 14.5375, 13.7420,
2.7396

■ 35.5183, 36.5028,
68.9269

■ 14.0038, 12.8457,
2.0343

■ 38.2031, 38.9720,
78.7630

■ 13.6451, 12.2177,
1.6391

■ 41.0691, 41.5661,
89.3922

Harmonies

Analogous

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



22.1811, 22.5314, 21.2277



21.4657, 22.5314, 20.6704



20.7527, 22.5314, 21.0973

Triad

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



21.4657, 22.5314, 20.6704



20.1796, 22.5314, 26.5012



22.6485, 22.5314, 26.7644

Complementary

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



21.4657, 22.5314, 20.6704



19.3852, 20.3663, 26.2020

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.



22.0921, 22.5314, 28.3225



21.4657, 22.5314, 20.6704



20.6676, 22.5314, 28.1644

Square

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



21.4657, 22.5314, 20.6704



20.0205, 22.5314, 24.3893



21.3652, 22.5314, 28.8488



22.8737, 22.5314, 24.6770

Rectangle

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



21.4657, 22.5314, 20.6704



20.3725, 22.5314, 21.8973



21.3652, 22.5314, 28.8488



22.4934, 22.5314, 27.3718

Sweetspot

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



21.4663, 22.5324, 20.6709



40.0797, 42.1522, 43.5166



20.4670, 19.9148, 22.2457



9.2383, 9.7151, 9.9384



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.



21.4663, 22.5324, 20.6709



37.1154, 38.9176, 34.2234



21.9231, 23.9868, 20.9275



5.2851, 5.5530, 5.3457



12.9235, 11.5815, 1.5543



0.0997, 0.1046, 0.0149

Inverse Universe

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



19.3852, 20.3663, 26.2020



32.7033, 34.3256, 45.9502



18.9636, 19.0558, 25.9713



4.9096, 5.1622, 6.3435



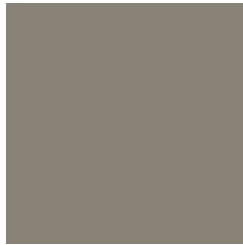
5.2137, 3.6976, 22.4846



0.0475, 0.0502, 0.1536

Previews

White Background



This preview shows how the XYZ color 21.4657, 22.5314, 20.6704 looks on a white background.

Color Contrast Check

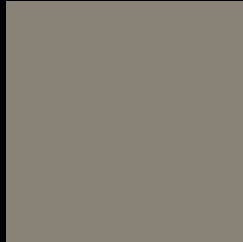
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4657, 22.5314, 20.6704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

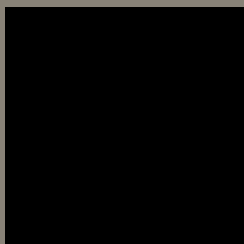
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

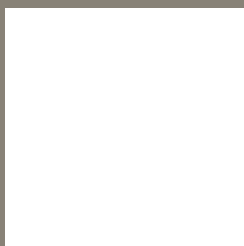
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4657, 22.5314, 20.6704

Background



This preview shows how black text looks on a background with the XYZ color 21.4657, 22.5314, 20.6704.



This preview shows how white text looks on a background with the XYZ color 21.4657, 22.5314,

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

21.4657, 22.5314, 20.6704

Protanopia

21.4657, 22.5314, 20.6704

Deuteranopia

22.8836, 22.4808, 20.9024



Tritanopia

22.7522, 22.4739, 26.8056

Trichromacy



Original Color

21.4657, 22.5314, 20.6704

Protanomaly

21.4657, 22.5314, 20.6704

Deuteranomaly

22.3072, 22.3744, 20.9123

Tritanomaly

22.2297, 22.4533, 24.2814

Monochromacy



Original Color

21.4657, 22.5314, 20.6704

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6199, 22.7515, 23.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4657, 22.5314, 20.6704 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, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(136, 130, 119)  
}
```

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, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 130, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.4657, 22.5314, 20.6704 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, 130, 119) }
```


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

```
.border{ border-color:rgb(136, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(136, 130,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4657, 22.5314, 20.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 130, 119) }
```

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

```
.background{ background-color: rgb(136,  
130, 119) }
```

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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