

Converting Colors

XYZ(21.6692, 21.9337, 17.2789)

Have a look what the booklet for
XYZ(21.6692, 21.9337, 17.2789)
contains.

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Color

**XYZ(21.6692, 21.9337,
17.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	907E6C
RGB	144, 126, 108
RGB Percent	56%, 49%, 42%
CMY	0.4353, 0.5059, 0.5765
CMYK	0.00, 0.12, 0.25, 0.44
HSL	30°, 14%, 49%
HSV	30°, 25%, 56%
XYZ	21.6692, 21.9337, 17.2789
YIQ	129.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

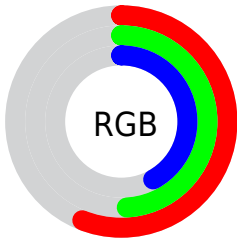
Format	Color
RYB	144, 144, 108
Decimal	9469548
CIELab	53.96, 3.91, 12.33
CIElCh	54, 12.940, 72.405
Yxy	21.9337, 0.3559, 0.3603
Android (android.graphics.Color)	4287659628 (0xFF907E6C)
YUV	129.3300, -10.5157, 12.8656
Hunter-Lab	46.8334, 0.6311, 10.9087

Details

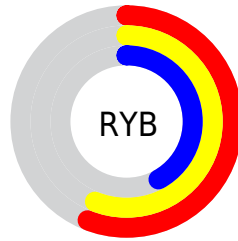
The XYZ color **21.6692, 21.9337, 17.2789** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.6790, 20.1229, 29.2852**, and the grayscale version is **21.0142, 22.1085, 24.0762**.

A 20% lighter version of the original color is **45.6668, 46.7492, 39.4175**, and **8.0104, 7.9718, 5.5314** is the 20% darker color. If you saturate the color by 10%, you get **20.0778, 19.8776, 13.2746**, and if you desaturate by 10%, it is **23.4547, 24.1750, 21.9730**.

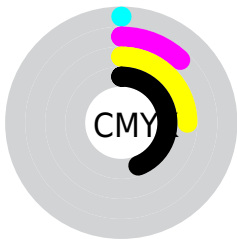
Distribution



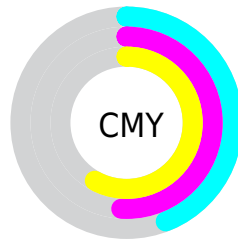
- Red (56%)
- Green (49%)
- Blue (42%)



- Red (56%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6692, 21.9337, 17.2789 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 21.6692, 21.9337, 17.2789 by changing the saturation by 10% instead.

■ 21.6692, 21.9337,
17.2789

■ 21.6692, 21.9337,
17.2789

253.4788,
262.1998, 248.8726

■ 13.7293, 13.8082,
10.2695

■ 45.6816, 46.6364,
39.6019

■ 8.0131, 7.9874,
5.4701

■ 62.4847, 63.9824,
55.7525

■ 4.1552, 4.0869,
2.4621

■ 82.9730, 85.1706,
75.7873

■ 1.7903, 1.7223,
0.8200

■ 107.5118,
110.5855, 100.1248

■ 0.5118, 0.4380,
0.0000

136.4664,
140.6115, 129.1836

■ 0.0000, 0.0000,
0.0000

170.2022,

175.6330, 163.3821

209.0846,
216.0343, 203.1389

■ 21.6692, 21.9337,
17.2789

■ 21.6692, 21.9337,
17.2789

■ 20.0778, 19.8776,
13.2746

■ 23.4547, 24.1750,
21.9730

■ 18.6710, 17.9984,
9.9255

■ 25.4395, 26.6034,
27.3863

■ 17.4414, 16.2915,
7.1962

■ 27.6311, 29.2247,
33.5485

■ 16.3800, 14.7511,
5.0471

■ 30.0359, 32.0436,
40.4868

■ 15.4771, 13.3707,
3.4342

■ 32.6598, 35.0644,
48.2274

■ 14.7214, 12.1434,
2.3070

■ 35.5088, 38.2914,
56.7949

■ 14.0989, 11.0607,
1.5986

■ 38.5885, 41.7287,
66.2132

■ 13.8198, 10.5657,
1.3110

■ 41.9043, 45.3803,
76.5050

■ 45.4613, 49.2501,
87.6922

Harmonies

Analogous

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



22.8926, 21.9337, 19.0645



21.6692, 21.9337, 17.2789



20.2761, 21.9337, 17.1341

Triad

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



21.6692, 21.9337, 17.2789



18.3344, 21.9337, 25.5716



22.7101, 21.9337, 30.0192

Complementary

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



21.6692, 21.9337, 17.2789



18.6790, 20.1229, 29.2852

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.



21.4292, 21.9337, 32.2032



21.6692, 21.9337, 17.2789



18.9277, 21.9337, 29.4497

Square

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



21.6692, 21.9337, 17.2789



18.3922, 21.9337, 21.6331



20.0465, 21.9337, 31.9838



23.5118, 21.9337, 26.2818

Rectangle

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



21.6692, 21.9337, 17.2789



19.4418, 21.9337, 17.9626



20.0465, 21.9337, 31.9838



22.3190, 21.9337, 30.9772

Sweetspot

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



21.6698, 21.9347, 17.2794



44.0884, 45.9754, 46.1462



20.6302, 18.1610, 22.1570



10.0693, 10.4931, 10.4691



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.6698, 21.9347, 17.2794



36.6025, 36.6109, 26.3640



24.1817, 26.9586, 18.1167



5.6177, 5.8417, 5.7208



12.0580, 9.2478, 1.1495



0.1373, 0.1324, 0.0183

Inverse Universe

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



18.6790, 20.1229, 29.2852



30.3965, 32.8513, 51.2769



16.5812, 15.9272, 28.5859



5.3383, 5.6724, 6.8423



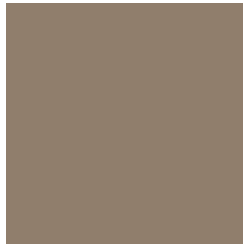
6.4245, 5.8351, 23.7648



0.0834, 0.0998, 0.2345

Previews

White Background



This preview shows how the XYZ color 21.6692, 21.9337, 17.2789 looks on a white background.

Color Contrast Check

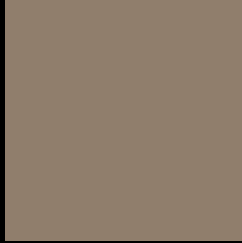
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6692, 21.9337, 17.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

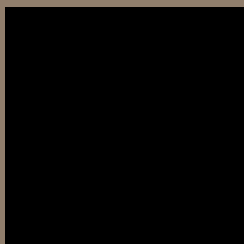
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

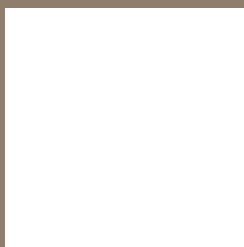
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6692, 21.9337, 17.2789

Background



This preview shows how black text looks on a background with the XYZ color 21.6692, 21.9337, 17.2789.



This preview shows how white text looks on a background with the XYZ color 21.6692, 21.9337,

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

21.6692, 21.9337, 17.2789

Protanopia

20.7639, 22.0389, 17.6276

Deuteranopia

22.3089, 21.8876, 17.2363



Tritanopia

23.2804, 22.0349, 24.8559

Trichromacy



Original Color

21.6692, 21.9337, 17.2789

Protanomaly

21.1269, 22.0314, 17.6070

Deuteranomaly

22.0730, 21.9530, 17.2613

Tritanomaly

22.6369, 21.9564, 21.7838

Monochromacy



Original Color

21.6692, 21.9337, 17.2789

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0019, 21.8872, 21.2069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6692, 21.9337, 17.2789 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(144, 126, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 108)  
}
```

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(144, 126, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.6692, 21.9337, 17.2789 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(144, 126, 108) }
```


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

```
.border{ border-color:rgb(144, 126, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 126, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 108);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6692, 21.9337, 17.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 108) }
```

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

```
.background{ background-color: rgb(144,  
126, 108) }
```

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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