

Converting Colors

XYZ(20.6789, 21.6602, 14.8024)

Have a look what the booklet for
XYZ(20.6789, 21.6602, 14.8024)
contains.

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Color

**XYZ(20.6567, 21.6550,
14.8955)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7F63
RGB	140, 127, 99
RGB Percent	55%, 50%, 39%
CMY	0.4510, 0.5019, 0.6118
CMYK	0.00, 0.09, 0.29, 0.45
HSL	41°, 17%, 47%
HSV	41°, 29%, 55%
XYZ	20.6567, 21.6550, 14.8955
YIQ	127.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

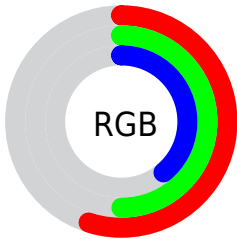
Format	Color
R_{YB}	118, 140, 99
Decimal	9207651
CIE Lab	53.66, 0.36, 17.05
CIE LCh	54, 17.052, 88.788
Yxy	21.6550, 0.3611, 0.3785
Android (android.graphics.Color)	4287397731 (0xFF8C7F63)
YUV	127.6950, -14.1466, 10.7915
Hunter-Lab	46.5349, -2.2006, 13.5961

Details

The XYZ color **20.6567, 21.6550, 14.8955** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.6733, 16.1340, 27.0991**, and the grayscale version is **20.4560, 21.5213, 23.4367**.

A 20% lighter version of the original color is **44.0744, 46.3139, 35.4707**, and **7.4640, 7.8206, 4.3649** is the 20% darker color. If you saturate the color by 10%, you get **19.4842, 20.2897, 11.4840**, and if you desaturate by 10%, it is **21.9717, 23.1192, 18.9276**.

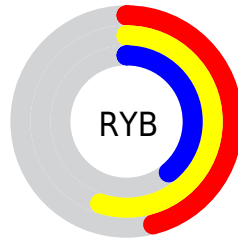
Distribution



Red (55%)

Green (50%)

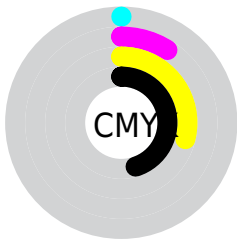
Blue (39%)



Red (46%)

Yellow (55%)

Blue (39%)

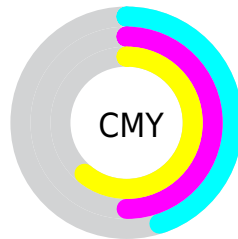


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6567, 21.6550, 14.8955 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 20.6567, 21.6550, 14.8955 by changing the saturation by 10% instead.

■ 20.6567, 21.6550,
14.8955

■ 20.6567, 21.6550,
14.8955

248.2148,
260.7393, 234.3518

■ 12.9843, 13.6036,
8.6003

■ 44.0111, 46.1751,
35.4095

■ 7.4947, 7.8455,
4.3882

■ 60.4238, 63.4127,
50.4653

■ 3.8224, 3.9962,
1.8406

■ 80.4807, 84.4810,
69.2783

■ 1.6022, 1.6715,
0.4545

■ 104.5470,
109.7646, 92.2672

■ 0.3938, 0.4051,
0.0000

132.9883,
139.6479, 119.8505

■ 0.0000, 0.0000,
0.0000

166.1697,

174.5151, 152.4466

204.4568,
214.7508, 190.4742

■ 20.6567, 21.6550,
14.8955

■ 20.6567, 21.6550,
14.8955

■ 19.4842, 20.2897,
11.4840

■ 21.9717, 23.1192,
18.9276

■ 18.4461, 19.0173,
8.6599

■ 23.4333, 24.6822,
23.6082

■ 17.5361, 17.8356,
6.3894

■ 25.0476, 26.3477,
28.9653

■ 16.7468, 16.7409,
4.6343

■ 26.8198, 28.1182,
35.0247

■ 16.0696, 15.7294,
3.3516

■ 28.7549, 29.9963,
41.8111

■ 15.4947, 14.7965,
2.4913

■ 30.8575, 31.9842,
49.3477

■ 14.9979, 13.9320,
1.9274

■ 33.1322, 34.0842,
57.6568

■ 14.9635, 13.8720,
1.8889

■ 35.5832, 36.2985,
66.7598

■ 38.2148, 38.6293,
76.6772

Harmonies

Analogous

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



22.4537, 21.6550, 15.9899



20.6567, 21.6550, 14.8955



18.9394, 21.6550, 15.8265

Triad

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



20.6567, 21.6550, 14.8955



17.6595, 21.6550, 28.7534



23.7297, 21.6550, 29.1754

Complementary

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



20.6567, 21.6550, 14.8955



15.6733, 16.1340, 27.0991

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.



22.3178, 21.6550, 33.5213



20.6567, 21.6550, 14.8955



18.8181, 21.6550, 33.2534

Square

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



20.6567, 21.6550, 14.8955



17.2717, 21.6550, 23.3668



20.5083, 21.6550, 35.1124



24.2913, 21.6550, 23.7917

Rectangle

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



20.6567, 21.6550, 14.8955



18.0554, 21.6550, 17.5613



20.5083, 21.6550, 35.1124



23.3348, 21.6550, 30.8339

Sweetspot

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



20.6573, 21.6560, 14.8960



41.3398, 43.5430, 41.7065



18.2391, 15.6842, 17.5909



9.4444, 9.9479, 9.3457



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.6573, 21.6560, 14.8960



35.0573, 36.6069, 22.2589



21.3296, 24.6572, 15.4398



5.2996, 5.5820, 5.3505



13.3139, 12.3622, 1.6844



0.1016, 0.1085, 0.0156

Inverse Universe

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



15.6733, 16.1340, 27.0991



24.8293, 25.2786, 47.3136



15.1198, 13.8714, 26.6916



4.8957, 5.1343, 6.3388



5.0352, 3.3408, 22.4251



0.0455, 0.0463, 0.1530

Previews

White Background



This preview shows how the XYZ color 20.6567, 21.6550, 14.8955 looks on a white background.

Color Contrast Check

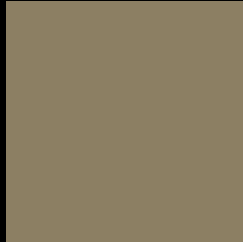
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6567, 21.6550, 14.8955 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 20.6567, 21.6550, 14.8955

Background



This preview shows how black text looks on a background with the XYZ color 20.6567, 21.6550, 14.8955.



This preview shows how white text looks on a background with the XYZ color 20.6567, 21.6550,

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

20.6567, 21.6550, 14.8955

Protanopia

20.2878, 21.6576, 14.9154

Deuteranopia

21.9609, 21.5700, 15.0626



Tritanopia

22.7494, 21.7612, 24.8311

Trichromacy



Original Color

20.6567, 21.6550, 14.8955

Protanomaly

20.4525, 21.7425, 14.9231

Deuteranomaly

21.3620, 21.4464, 15.0703

Tritanomaly

21.9255, 21.6110, 20.7850

Monochromacy



Original Color

20.6567, 21.6550, 14.8955

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4458, 21.6282, 19.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6567, 21.6550, 14.8955 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(140, 127, 99)` looks like.

```
.text, #text, p{  
    color:rgb(140, 127, 99)  
}
```

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(140, 127, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 127, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.6567, 21.6550, 14.8955 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(140, 127, 99) }
```


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

```
.border{ border-color:rgb(140, 127, 99) }
```

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

Here you see how a box with a 4 pixel rgb(140, 127, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 127, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 127, 99);  
box-shadow:4px 4px 4px 4px rgb(140, 127,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6567, 21.6550, 14.8955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 127, 99) }
```

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

```
.background{ background-color: rgb(140,  
127, 99) }
```

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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