

Converting Colors

XYZ(20.1839, 22.3706, 20.2243)

Have a look what the booklet for
XYZ(20.1839, 22.3706, 20.2243)
contains.

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Color

**XYZ(20.0663, 22.2225,
20.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8475
RGB	126, 132, 117
RGB Percent	49%, 52%, 46%
CMY	0.5059, 0.4823, 0.5412
CMYK	0.05, 0.00, 0.11, 0.48
HSL	84°, 6%, 49%
HSV	84°, 11%, 52%
XYZ	20.0663, 22.2225, 20.0614
YIQ	128.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

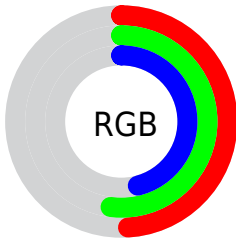
Format	Color
R_{YB}	117, 132, 123
Decimal	8291445
CIE _{Lab}	54.26, -5.13, 7.34
CIE _{LCh}	54, 8.953, 124.971
Yxy	22.2225, 0.3218, 0.3564
Android (android.graphics.Color)	4286481525 (0xFF7E8475)
YUV	128.4960, -5.6675, -2.1890
Hunter-Lab	47.1407, -6.5146, 7.7668

Details

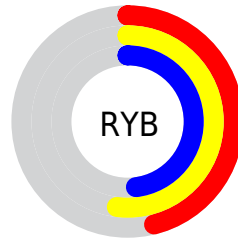
The XYZ color **20.0663, 22.2225, 20.0614** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.6955, 18.6001, 24.4358**, and the grayscale version is **20.7095, 21.7880, 23.7272**.

A 20% lighter version of the original color is **43.1008, 47.1462, 44.3646**, and **7.2280, 8.1940, 6.8309** is the 20% darker color. If you saturate the color by 10%, you get **18.5860, 21.5435, 16.2224**, and if you desaturate by 10%, it is **21.6984, 22.9684, 24.4798**.

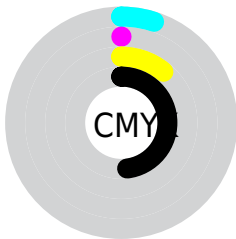
Distribution



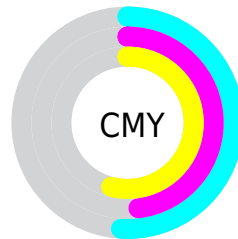
- Red (49%)
- Green (52%)
- Blue (46%)



- Red (46%)
- Yellow (52%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0663, 22.2225, 20.0614 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 20.0663, 22.2225, 20.0614 by changing the saturation by 10% instead.

■ 20.0663, 22.2225,
20.0614

■ 20.0663, 22.2225,
20.0614

245.1005,
263.7060, 264.8625

■ 12.5518, 14.0205,
12.2552

■ 43.0314, 47.1135,
44.3804

■ 7.1955, 8.1349,
6.7931

■ 59.2127, 64.5712,
61.7303

■ 3.6321, 4.1814,
3.2565

■ 79.0137, 85.8830,
83.0985

■ 1.4962, 1.7755,
1.2271

102.7996,
111.4332, 108.9034

■ 0.3232, 0.4719,
0.0009

130.9359,
141.6062, 139.5638

■ 0.0000, 0.0000,
0.0000

163.7879,

176.7864, 175.4981

201.7210,
217.3582, 217.1248

■ 20.0663, 22.2225,
20.0614

■ 20.0663, 22.2225,
20.0614

■ 18.5860, 21.5435,
16.2224

■ 21.6984, 22.9684,
24.4798

■ 17.2506, 20.9264,
12.9374

■ 23.4854, 23.7804,
29.4987

■ 16.0551, 20.3698,
10.1811

■ 25.4326, 24.6614,
35.1402

■ 14.9935, 19.8714,
7.9257

■ 27.5444, 25.6132,
41.4244

■ 14.0596, 19.4285,
6.1410

■ 29.8251, 26.6375,
48.3709

■ 13.2461, 19.0381,
4.7934

■ 32.2788, 27.7361,
55.9982

■ 12.5452, 18.6971,
3.8449

■ 34.9094, 28.9107,
64.3242

■ 11.9478, 18.4016,
3.2510

■ 37.7207, 30.1628,
73.3662

■ 11.4915, 18.1736,
2.9022

■ 40.7164, 31.4939,
83.1407

Harmonies

Analogous

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



20.9599, 22.2225, 19.2360



20.0663, 22.2225, 20.0614



19.4696, 22.2225, 21.9971

Triad

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



20.0663, 22.2225, 20.0614



20.3392, 22.2225, 29.3901



23.0434, 22.2225, 23.7347

Complementary

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



20.0663, 22.2225, 20.0614



18.6955, 18.6001, 24.4358

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.



22.8649, 22.2225, 26.5379



20.0663, 22.2225, 20.0614



21.2845, 22.2225, 29.9440

Square

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



20.0663, 22.2225, 20.0614



19.6238, 22.2225, 27.4033



22.2137, 22.2225, 28.8641



22.6942, 22.2225, 21.2502

Rectangle

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



20.0663, 22.2225, 20.0614



19.3103, 22.2225, 23.7293



22.2137, 22.2225, 28.8641



23.0432, 22.2225, 24.6699

Sweetspot

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



20.0669, 22.2235, 20.0619



37.7114, 40.2251, 41.7206



19.8104, 20.3566, 19.7151



8.7290, 9.3420, 9.5738



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.



20.0669, 22.2235, 20.0619



34.5499, 38.7797, 33.2396



19.0022, 21.6746, 20.0121



4.8642, 5.3325, 5.0023



11.1321, 17.5988, 2.8102



0.0468, 0.0652, 0.0101

Inverse Universe

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



18.6955, 18.6001, 24.4358



31.5670, 30.8986, 42.7534



19.8098, 19.1746, 24.4880



4.5978, 4.6287, 5.8519



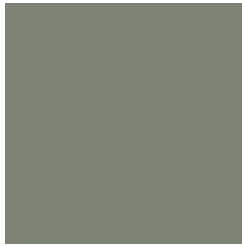
5.4508, 2.3441, 21.3019



0.0267, 0.0122, 0.0742

Previews

White Background



This preview shows how the XYZ color 20.0663, 22.2225, 20.0614 looks on a white background.

Color Contrast Check

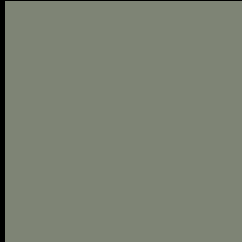
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0663, 22.2225, 20.0614 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

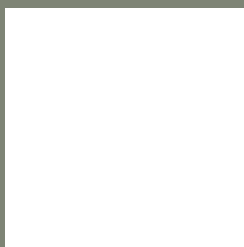
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0663, 22.2225, 20.0614

Background



This preview shows how black text looks on a background with the XYZ color 20.0663, 22.2225, 20.0614.



This preview shows how white text looks on a background with the XYZ color 20.0663, 22.2225,

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

20.0663, 22.2225, 20.0614

Protanopia

20.9943, 22.1124, 19.6846

Deuteranopia

22.4577, 22.0862, 20.2190



Tritanopia

21.5637, 22.2317, 27.5807

Trichromacy



Original Color

20.0663, 22.2225, 20.0614

Protanomaly

20.6507, 22.1318, 19.7064

Deuteranomaly

21.6366, 22.2353, 20.2910

Tritanomaly

20.9815, 22.1932, 24.6506

Monochromacy



Original Color

20.0663, 22.2225, 20.0614

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2407, 21.6678, 22.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0663, 22.2225, 20.0614 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(126, 132, 117)` looks like.

```
.text, #text, p{  
    color:rgb(126, 132, 117)  
}
```

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(126, 132, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 132, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.0663, 22.2225, 20.0614 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(126, 132, 117) }
```


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

```
.border{ border-color:rgb(126, 132, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 132, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 132, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 132, 117);  
box-shadow:4px 4px 4px 4px rgb(126, 132,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0663, 22.2225, 20.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 132, 117) }
```

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

```
.background{ background-color: rgb(126,  
132, 117) }
```

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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