

Converting Colors

XYZ(20.6095, 22.3303, 24.1638)

Have a look what the booklet for
XYZ(20.6095, 22.3303, 24.1638)
contains.

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Color

**XYZ(20.6712, 22.4475,
24.0122)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8481
RGB	125, 132, 129
RGB Percent	49%, 52%, 51%
CMY	0.5098, 0.4823, 0.4941
CMYK	0.05, 0.00, 0.02, 0.48
HSL	154°, 3%, 50%
HSV	154°, 5%, 52%
XYZ	20.6712, 22.4475, 24.0122
YIQ	129.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

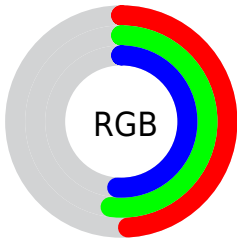
Format	Color
R_{YB}	125, 129, 132
Decimal	8225921
CIE Lab	54.50, -3.19, 0.72
CIE LCh	54, 3.267, 167.344
Yxy	22.4475, 0.3079, 0.3344
Android (android.graphics.Color)	4286416001 (0xFF7D8481)
YUV	129.5650, -0.2785, -4.0035
Hunter-Lab	47.3788, -5.0340, 3.1162

Details

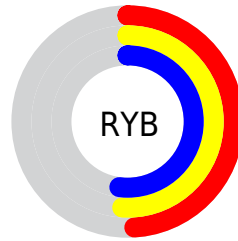
The XYZ color **20.6712, 22.4475, 24.0122** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7465, 21.1319, 23.4087**, and the grayscale version is **21.0669, 22.1640, 24.1366**.

A 20% lighter version of the original color is **44.1526, 47.5403, 51.1051**, and **7.5217, 8.3022, 8.7955** is the 20% darker color. If you saturate the color by 10%, you get **18.5050, 21.3737, 22.0013**, and if you desaturate by 10%, it is **23.1156, 23.6636, 26.1459**.

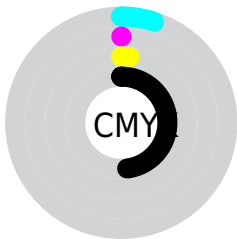
Distribution



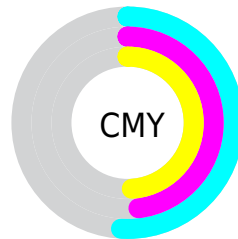
- Red (49%)
- Green (52%)
- Blue (51%)



- Red (49%)
- Yellow (51%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6712, 22.4475, 24.0122 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 20.6712, 22.4475, 24.0122 by changing the saturation by 10% instead.

■ 20.6712, 22.4475,
24.0122

■ 20.6712, 22.4475,
24.0122

248.2908,
264.8744, 286.1707

■ 12.9950, 14.1861,
15.1304

■ 44.0351, 47.4845,
50.9942

■ 7.5021, 8.2502,
8.7633

■ 60.4534, 65.0289,
69.9314

■ 3.8271, 4.2555,
4.4924

■ 80.5166, 86.4364,
93.0576

■ 1.6048, 1.8175,
1.8992

104.5898,
112.0914, 120.7912

■ 0.3955, 0.4980,
0.4922

133.0385,
142.3783, 153.5507

■ 0.0000, 0.0000,
0.0000

166.2280,

177.6815, 191.7548

204.5236,
218.3854, 235.8220

■ 20.6712, 22.4475,
24.0122

■ 20.6712, 22.4475,
24.0122

■ 18.5050, 21.3737,
22.0013

■ 23.1156, 23.6636,
26.1459

■ 16.6049, 20.4340,
20.1095

■ 25.8462, 25.0241,
28.4029

■ 14.9603, 19.6238,
18.3348

■ 28.8729, 26.5348,
30.7861

■ 13.5595, 18.9370,
16.6751

■ 32.2046, 28.2002,
33.2973

■ 12.3897, 18.3669,
15.1277

■ 35.8497, 30.0247,
35.9385

■ 11.4369, 17.9066,
13.6901

■ 39.8165, 32.0124,
38.7118

■ 10.6854, 17.5479,
12.3595

■ 44.1128, 34.1673,
41.6190

■ 10.1175, 17.2816,
11.1331

■ 48.7462, 36.4933,
44.6620

■ 9.7067, 17.0943,
10.0075

■ 53.7240, 38.9942,
47.8425

Harmonies

Analogous

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



20.8335, 22.4475, 23.1301



20.6712, 22.4475, 24.0122



20.6855, 22.4475, 25.0338

Triad

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



20.6712, 22.4475, 24.0122



21.5415, 22.4475, 26.3716



21.8054, 22.4475, 23.0204

Complementary

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



20.6712, 22.4475, 24.0122



20.7465, 21.1319, 23.4087

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.



21.9994, 22.4475, 23.8586



20.6712, 22.4475, 24.0122



21.8458, 22.4475, 25.8015

Square

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



20.6712, 22.4475, 24.0122



21.1852, 22.4475, 26.4155



22.0142, 22.4475, 24.8759



21.4868, 22.4475, 22.5684

Rectangle

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



20.6712, 22.4475, 24.0122



20.7932, 22.4475, 25.6567



22.0142, 22.4475, 24.8759



21.8875, 22.4475, 23.2653

Sweetspot

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



20.6718, 22.4485, 24.0127



37.7602, 40.2110, 43.4972



20.8609, 22.5760, 22.6606



8.8051, 9.3688, 10.1392



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.



20.6718, 22.4485, 24.0127



36.0766, 39.3745, 41.9941



20.8112, 22.4032, 25.0583



4.8653, 5.3184, 5.6670



9.2351, 16.4769, 9.2235



0.0357, 0.0585, 0.0513

Inverse Universe

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



20.7465, 21.1319, 23.4087



36.2278, 36.7073, 40.7704



20.6110, 21.1725, 22.4028



4.8866, 4.9432, 5.4948



9.9216, 5.0330, 4.1593



0.0379, 0.0189, 0.0330

Previews

White Background



This preview shows how the XYZ color 20.6712, 22.4475, 24.0122 looks on a white background.

Color Contrast Check

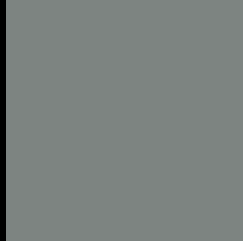
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6712, 22.4475, 24.0122 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

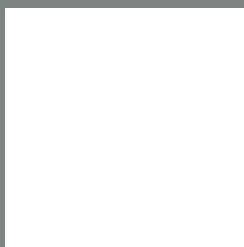
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6712, 22.4475, 24.0122

Background



This preview shows how black text looks on a background with the XYZ color 20.6712, 22.4475, 24.0122.



This preview shows how white text looks on a background with the XYZ color 20.6712, 22.4475,

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

20.6712, 22.4475, 24.0122

Protanopia

21.5518, 22.5103, 23.6311

Deuteranopia

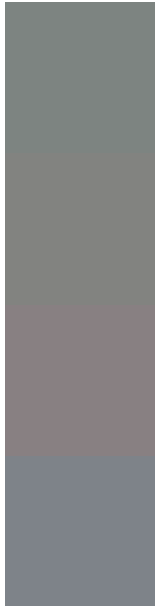
22.8178, 22.3731, 24.2349



Tritanopia

21.5427, 22.4004, 28.3876

Trichromacy



Original Color

20.6712, 22.4475, 24.0122

Protanomaly

21.2185, 22.5369, 23.6538

Deuteranomaly

21.9018, 22.2843, 24.2660

Tritanomaly

21.2358, 22.4744, 26.8856

Monochromacy



Original Color

20.6712, 22.4475, 24.0122

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0477, 22.4335, 24.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6712, 22.4475, 24.0122 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(125, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 132, 129)  
}
```

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(125, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.6712, 22.4475, 24.0122 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(125, 132, 129) }
```


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

```
.border{ border-color:rgb(125, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6712, 22.4475, 24.0122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 129) }
```

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

```
.background{ background-color: rgb(125,  
132, 129) }
```

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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