

Converting Colors

XYZ(21.2666, 20.4448, 25.0157)

Have a look what the booklet for
XYZ(21.2666, 20.4448, 25.0157)
contains.

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Color

**XYZ(21.2666, 20.4448,
25.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	897885
RGB	137, 120, 133
RGB Percent	54%, 47%, 52%
CMY	0.4627, 0.5294, 0.4784
CMYK	0.00, 0.12, 0.03, 0.46
HSL	314°, 7%, 50%
HSV	314°, 12%, 54%
XYZ	21.2666, 20.4448, 25.0157
YIQ	126.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

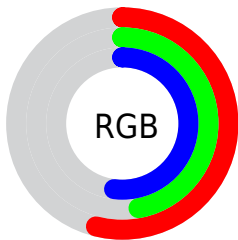
Format	Color
RYB	137, 120, 133
Decimal	9009285
CIELab	52.34, 8.99, -4.67
CIELCh	52, 10.133, 332.542
Yxy	20.4448, 0.3187, 0.3064
Android (android.graphics.Color)	4287199365 (0xFF897885)
YUV	126.5650, 3.1725, 9.1515
Hunter-Lab	45.2159, 4.8268, -1.1510

Details

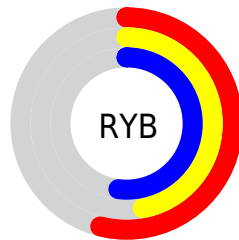
The XYZ color **21.2666, 20.4448, 25.0157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3302, 23.3401, 22.5034**, and the grayscale version is **20.0124, 21.0546, 22.9284**.

A 20% lighter version of the original color is **44.8507, 43.9974, 52.5828**, and **7.8481, 7.3011, 9.3831** is the 20% darker color. If you saturate the color by 10%, you get **19.5163, 17.2949, 23.3504**, and if you desaturate by 10%, it is **23.2607, 24.0708, 26.7965**.

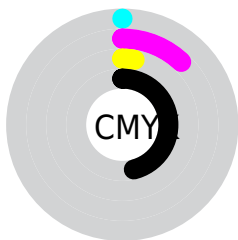
Distribution



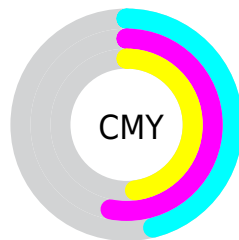
- Red (54%)
- Green (47%)
- Blue (52%)



- Red (54%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2666, 20.4448, 25.0157 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 21.2666, 20.4448, 25.0157 by changing the saturation by 10% instead.

■ 21.2666, 20.4448,
25.0157

■ 21.2666, 20.4448,
25.0157

251.3969,
254.3130, 291.3663

■ 13.4326, 12.7188,
15.8696

■ 45.0188, 44.1617,
52.6471

■ 7.8061, 7.2352,
9.2786

■ 61.6676, 60.9213,
71.9696

■ 4.0219, 3.6096,
4.8241

■ 81.9854, 81.4610,
95.5212

■ 1.7145, 1.4577,
2.0875

106.3376,
106.1650, 123.7206

■ 0.4653, 0.2587,
0.6083

135.0895,
135.4178, 156.9862

■ 0.0000, 0.0000,
0.0000

168.6065,

169.6039, 195.7367

207.2538,
209.1074, 240.3906

■ 21.2666, 20.4448,
25.0157

■ 21.2666, 20.4448,
25.0157

■ 19.5163, 17.2949,
23.3504

■ 23.2607, 24.0708,
26.7965

■ 17.9979, 14.5984,
21.7956

■ 25.5062, 28.1888,
28.6949

■ 16.7014, 12.3348,
20.3479

■ 28.0127, 32.8177,
30.7145

■ 15.6152, 10.4810,
19.0031

■ 30.7886, 37.9741,
32.8586

■ 14.7265, 9.0119,
17.7567

■ 33.8420, 43.6742,
35.1301

■ 14.0213, 7.8992,
16.6036

■ 37.1806, 49.9334,
37.5318

■ 13.4836, 7.1112,
15.5382

■ 40.8120, 56.7665,
40.0666

■ 13.0945, 6.6103,
14.5540

■ 44.7431, 64.1878,
42.7370

■ 12.8542, 6.3335,
13.8459

■ 48.9811, 72.2108,
45.5456

Harmonies

Analogous

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



20.5310, 20.4448, 27.4622



21.2666, 20.4448, 25.0157



21.5053, 20.4448, 22.0072

Triad

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



21.2666, 20.4448, 25.0157



19.3434, 20.4448, 17.0019



17.7901, 20.4448, 25.4956

Complementary

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



21.2666, 20.4448, 25.0157



20.3302, 23.3401, 22.5034

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.



17.4967, 20.4448, 22.5166



21.2666, 20.4448, 25.0157



18.3732, 20.4448, 17.7616

Square

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



21.2666, 20.4448, 25.0157



20.3717, 20.4448, 17.5434



17.7064, 20.4448, 19.7162



18.5220, 20.4448, 27.7563

Rectangle

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



21.2666, 20.4448, 25.0157



21.3439, 20.4448, 20.1309



17.7064, 20.4448, 19.7162



17.6381, 20.4448, 24.5361

Sweetspot

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



21.2672, 20.4457, 25.0161



41.0239, 41.9534, 47.4365



19.5401, 19.5228, 26.4054



9.1454, 9.3077, 10.5906



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.



21.2672, 20.4457, 25.0161



37.1243, 34.8778, 43.9058



20.7056, 20.2210, 22.0588



5.1844, 5.1092, 6.0594



11.9784, 5.9015, 12.9222



0.0852, 0.0415, 0.1155

Inverse Universe

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



21.2672, 20.4457, 25.0161



37.1243, 34.8778, 43.9058



20.8889, 23.5635, 25.4453



5.1844, 5.1092, 6.0594



11.9784, 5.9015, 12.9222



0.0852, 0.0415, 0.1155

Previews

White Background



This preview shows how the XYZ color 21.2666, 20.4448, 25.0157 looks on a white background.

Color Contrast Check

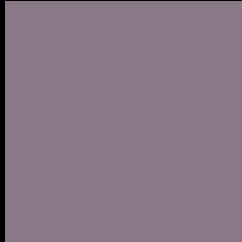
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2666, 20.4448, 25.0157 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

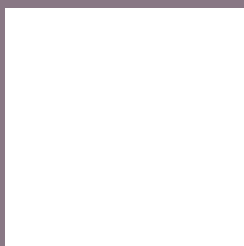
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2666, 20.4448, 25.0157

Background



This preview shows how black text looks on a background with the XYZ color 21.2666, 20.4448, 25.0157.

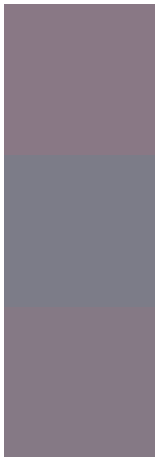


This preview shows how white text looks on a background with the XYZ color 21.2666, 20.4448,

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

21.2666, 20.4448, 25.0157

Protanopia

19.9638, 20.4780, 26.1930

Deuteranopia

20.7439, 20.3547, 25.0258



Tritanopia

21.1832, 20.6048, 23.9797

Trichromacy



Original Color

21.2666, 20.4448, 25.0157

Protanomaly

20.5094, 20.5823, 25.8135

Deuteranomaly

20.9025, 20.4365, 25.0333

Tritanomaly

21.2506, 20.6318, 24.3350

Monochromacy



Original Color

21.2666, 20.4448, 25.0157

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.5302, 20.8256, 23.7066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2666, 20.4448, 25.0157 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(137, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(137, 120, 133)  
}
```

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(137, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.2666, 20.4448, 25.0157 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(137, 120, 133) }
```


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

```
.border{ border-color:rgb(137, 120, 133) }
```

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

Here you see how a box with a 4 pixel rgb(137, 120, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(137, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2666, 20.4448, 25.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 120, 133) }
```

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

```
.background{ background-color: rgb(137,  
120, 133) }
```

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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