

Converting Colors

XYZ(21.7826, 20.5442, 24.6391)

Have a look what the booklet for
XYZ(21.7826, 20.5442, 24.6391)
contains.

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Color

**XYZ(21.7462, 20.5223,
24.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7784
RGB	141, 119, 132
RGB Percent	55%, 47%, 52%
CMY	0.4471, 0.5333, 0.4824
CMYK	0.00, 0.16, 0.06, 0.45
HSL	325°, 9%, 51%
HSV	325°, 16%, 55%
XYZ	21.7462, 20.5223, 24.6448
YIQ	127.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

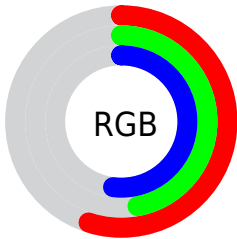
Format	Color
R _Y B	141, 119, 132
Decimal	9271172
CIE Lab	52.42, 10.88, -3.92
CIE LCh	52, 11.567, 340.216
Yxy	20.5223, 0.3250, 0.3067
Android (android.graphics.Color)	4287461252 (0xFF8D7784)
YUV	127.0600, 2.4354, 12.2254
Hunter-Lab	45.3015, 6.4080, -0.5437

Details

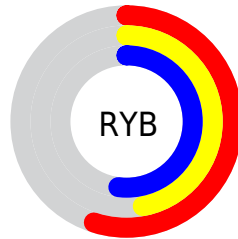
The XYZ color **21.7462, 20.5223, 24.6448** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0297, 24.5308, 24.0498**, and the grayscale version is **20.1836, 21.2347, 23.1246**.

A 20% lighter version of the original color is **45.8255, 44.2307, 52.0211**, and **8.1290, 7.3552, 9.1749** is the 20% darker color. If you saturate the color by 10%, you get **19.8073, 17.2586, 22.1044**, and if you desaturate by 10%, it is **23.9571, 24.2945, 27.3841**.

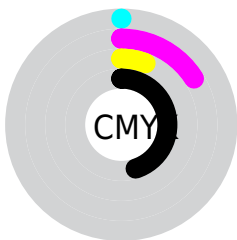
Distribution



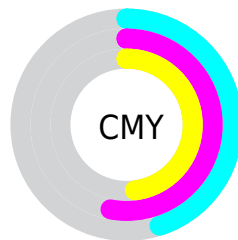
- Red (55%)
- Green (47%)
- Blue (52%)



- Red (55%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7462, 20.5223, 24.6448 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 21.7462, 20.5223, 24.6448 by changing the saturation by 10% instead.

■ 21.7462, 20.5223,
24.6448

■ 21.7462, 20.5223,
24.6448

253.8753,
254.7288, 289.4552

■ 13.7861, 12.7753,
15.5960

■ 45.8081, 44.2911,
52.0373

■ 8.0527, 7.2740,
9.0875

■ 62.6407, 61.0817,
71.2182

■ 4.1808, 3.6340,
4.7007

■ 83.1614, 81.6557,
94.6135

■ 1.8049, 1.4710,
2.0171

107.7357,
106.3973, 122.6417

■ 0.5206, 0.2682,
0.5658

136.7289,
135.6910, 155.7215

■ 0.0000, 0.0000,
0.0000

170.5063,

169.9212, 194.2713

209.4333,
209.4724, 238.7097

■ 21.7462, 20.5223,
24.6448

■ 21.7462, 20.5223,
24.6448

■ 19.8073, 17.2586,
22.1044

■ 23.9571, 24.2945,
27.3841

■ 18.1273, 14.4787,
19.7561

■ 26.4489, 28.5931,
30.3261

■ 16.6947, 12.1599,
17.5946

■ 29.2321, 33.4386,
33.4763

■ 15.4965, 10.2765,
15.6135

■ 32.3162, 38.8493,
36.8396

■ 14.5183, 8.8005,
13.8064

■ 35.7102, 44.8429,
40.4203

■ 13.7440, 7.7003,
12.1659

■ 39.4230, 51.4363,
44.2231

■ 13.1553, 6.9399,
10.6840

■ 43.4627, 58.6455,
48.2522

■ 12.7256, 6.4669,
9.3497

■ 47.8374, 66.4863,
52.5118

■ 12.5580, 6.2922,
8.7993

■ 52.5548, 74.9735,
57.0058

Harmonies

Analogous

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



21.0256, 20.5223, 27.7499



21.7462, 20.5223, 24.6448



21.8529, 20.5223, 21.1996

Triad

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



21.7462, 20.5223, 24.6448



19.1016, 20.5223, 16.4805



17.8052, 20.5223, 26.8638

Complementary

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



21.7462, 20.5223, 24.6448



21.0297, 24.5308, 24.0498

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.



17.3331, 20.5223, 23.5315



21.7462, 20.5223, 24.6448



18.0611, 20.5223, 17.6924

Square

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



21.7462, 20.5223, 24.6448



20.2930, 20.5223, 16.7133



17.4249, 20.5223, 20.1935



18.7392, 20.5223, 29.1187

Rectangle

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



21.7462, 20.5223, 24.6448



21.5571, 20.5223, 19.1978



17.4249, 20.5223, 20.1935



17.5890, 20.5223, 25.8192

Sweetspot

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



21.7468, 20.5232, 24.6452



43.1111, 43.8646, 49.2913



20.2774, 19.6914, 27.9318



9.5710, 9.6978, 10.9394



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.



21.7468, 20.5232, 24.6452



37.5662, 34.4230, 42.3618



21.0455, 20.2427, 20.9525



5.5341, 5.4742, 6.3107



11.4584, 5.7404, 8.0652



0.1205, 0.0593, 0.1349

Inverse Universe

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



21.7468, 20.5232, 24.6452



37.5662, 34.4230, 42.3618



21.7789, 24.8305, 27.9949



5.5341, 5.4742, 6.3107



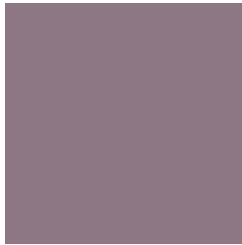
11.4584, 5.7404, 8.0652



0.1205, 0.0593, 0.1349

Previews

White Background



This preview shows how the XYZ color 21.7462, 20.5223, 24.6448 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 21.7462, 20.5223, 24.6448 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 21.7462, 20.5223, 24.6448

Background



This preview shows how black text looks on a background with the XYZ color 21.7462, 20.5223, 24.6448.



This preview shows how white text looks on a background with the XYZ color 21.7462, 20.5223,

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

21.7462, 20.5223, 24.6448

Protanopia

19.8930, 20.4497, 25.8204

Deuteranopia

20.8337, 20.4090, 24.6711



Tritanopia

21.6634, 20.6806, 23.6189

Trichromacy



Original Color

21.7462, 20.5223, 24.6448

Protanomaly

20.4685, 20.3861, 25.4104

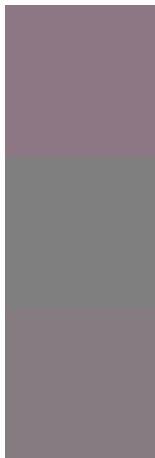
Deuteranomaly

21.1979, 20.4172, 24.6535

Tritanomaly

21.7302, 20.7074, 23.9707

Monochromacy



Original Color

21.7462, 20.5223, 24.6448

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.6858, 20.9058, 23.7138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7462, 20.5223, 24.6448 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(141, 119, 132)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 132)  
}
```

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(141, 119, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.7462, 20.5223, 24.6448 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(141, 119, 132) }
```


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

```
.border{ border-color:rgb(141, 119, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 132);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7462, 20.5223, 24.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 132) }
```

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

```
.background{ background-color: rgb(141,  
119, 132) }
```

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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