

Converting Colors

XYZ(20.7585, 23.1492, 22.4660)

Have a look what the booklet for
XYZ(20.7585, 23.1492, 22.4660)
contains.

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Color

**XYZ(20.7595, 23.1432,
22.4417)**

Conversions

Conversions Part 1

Format	Color
Hex	7D877C
RGB	125, 135, 124
RGB Percent	49%, 53%, 49%
CMY	0.5098, 0.4706, 0.5137
CMYK	0.07, 0.00, 0.08, 0.47
HSL	115°, 4%, 51%
HSV	115°, 8%, 53%
XYZ	20.7595, 23.1432, 22.4417
YIQ	130.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

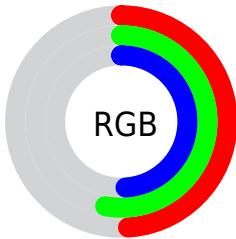
Format	Color
RYB	124, 135, 134
Decimal	8226684
CIELab	55.22, -5.87, 4.65
CIELCh	55, 7.489, 141.588
Yxy	23.1432, 0.3129, 0.3488
Android (android.graphics.Color)	4286416764 (0xFF7D877C)
YUV	130.7560, -3.3307, -5.0480
Hunter-Lab	48.1074, -7.1608, 6.0169

Details

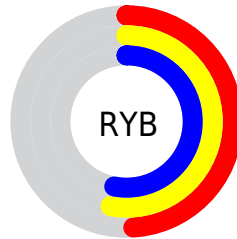
The XYZ color **20.7595, 23.1432, 22.4417** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4133, 21.2336, 25.8928**, and the grayscale version is **21.4990, 22.6187, 24.6317**.

A 20% lighter version of the original color is **44.1798, 48.5660, 48.1199**, and **7.4990, 8.5415, 7.9100** is the 20% darker color. If you saturate the color by 10%, you get **18.2812, 21.9583, 18.1700**, and if you desaturate by 10%, it is **23.5774, 24.4911, 27.3405**.

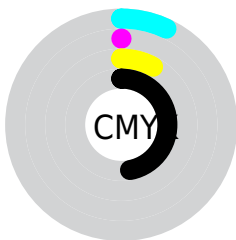
Distribution



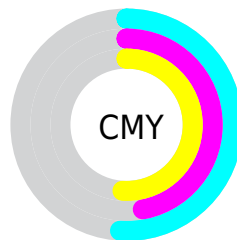
- Red (49%)
- Green (53%)
- Blue (49%)



- Red (49%)
- Yellow (53%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7595, 23.1432, 22.4417 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 20.7595, 23.1432, 22.4417 by changing the saturation by 10% instead.

■ 20.7595, 23.1432,
22.4417

■ 20.7595, 23.1432,
22.4417

248.7536,
268.4596, 277.8727

■ 13.0598, 14.6993,
13.9804

■ 44.1812, 48.6284,
48.3865

■ 7.5470, 8.6086,
7.9684

■ 60.6339, 66.4384,
66.7070

■ 3.8558, 4.4868,
3.9873

■ 80.7350, 88.1392,
89.1511

■ 1.6209, 1.9494,
1.6184

104.8499,
114.1153, 116.1372

■ 0.4060, 0.5778,
0.3039

133.3438,
144.7510, 148.0838

■ 0.0000, 0.0000,
0.0000

166.5821,

180.4307, 185.4096

204.9303,
221.5388, 228.5331

■ 20.7595, 23.1432,
22.4417

■ 20.7595, 23.1432,
22.4417

■ 18.2812, 21.9583,
18.1700

■ 23.5774, 24.4911,
27.3405

■ 16.1279, 20.9272,
14.4987

■ 26.7452, 26.0046,
32.8886

■ 14.2866, 20.0447,
11.4012

■ 30.2749, 27.6902,
39.1092

■ 12.7429, 19.3037,
8.8487

■ 34.1775, 29.5530,
46.0237

■ 11.4810, 18.6970,
6.8095

■ 38.4635, 31.5981,
53.6526

■ 10.4838, 18.2165,
5.2490

■ 43.1430, 33.8302,
62.0156

■ 9.7323, 17.8531,
4.1280

■ 48.2256, 36.2539,
71.1315

■ 9.2050, 17.5967,
3.4015

■ 53.7208, 38.8737,
81.0187

■ 8.8677, 17.4321,
2.9691

■ 59.6376, 41.6937,
91.6947

Harmonies

Analogous

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



21.4099, 23.1432, 21.1506



20.7595, 23.1432, 22.4417



20.4426, 23.1432, 24.5305

Triad

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



20.7595, 23.1432, 22.4417



21.7623, 23.1432, 30.0404



23.5280, 23.1432, 23.5405

Complementary

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



20.7595, 23.1432, 22.4417



21.4133, 21.2336, 25.8928

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.



23.6281, 23.1432, 25.8795



20.7595, 23.1432, 22.4417



22.5945, 23.1432, 29.7337

Square

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



20.7595, 23.1432, 22.4417



21.0118, 23.1432, 28.9869



23.2826, 23.1432, 28.1734



23.0123, 23.1432, 21.7564

Rectangle

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



20.7595, 23.1432, 22.4417



20.4573, 23.1432, 26.1365



23.2826, 23.1432, 28.1734



23.6119, 23.1432, 24.2842

Sweetspot

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



20.7601, 23.1442, 22.4422



40.1819, 42.8821, 45.4064



22.1421, 23.6299, 22.4631



9.3219, 9.9387, 10.5438



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.



20.7601, 23.1442, 22.4422



36.2056, 40.9807, 38.5100



20.8996, 23.1832, 23.9343



4.6527, 5.2235, 4.9924



8.1383, 16.0554, 2.6701



0.0306, 0.0569, 0.0094

Inverse Universe

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



21.4133, 21.2336, 25.8928



37.6530, 36.7467, 46.1567



21.2698, 21.1947, 24.3017



4.8173, 4.7419, 5.8621



11.5358, 5.4811, 21.5866



0.0430, 0.0205, 0.0749

Previews

White Background



This preview shows how the XYZ color 20.7595, 23.1432, 22.4417 looks on a white background.

Color Contrast Check

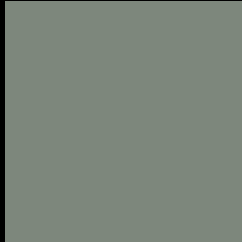
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7595, 23.1432, 22.4417 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

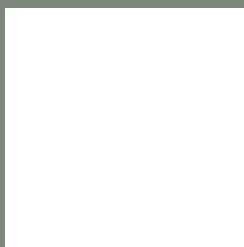
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7595, 23.1432, 22.4417

Background



This preview shows how black text looks on a background with the XYZ color 20.7595, 23.1432, 22.4417.

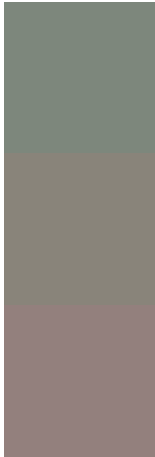


This preview shows how white text looks on a background with the XYZ color 20.7595, 23.1432,

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

20.7595, 23.1432, 22.4417

Protanopia

22.0806, 23.2260, 21.7317

Deuteranopia

23.4535, 23.1221, 22.6289



Tritanopia

22.1113, 23.0749, 29.2751

Trichromacy



Original Color

20.7595, 23.1432, 22.4417

Protanomaly

21.6355, 23.1917, 22.0750

Deuteranomaly

22.4654, 23.2022, 22.6965

Tritanomaly

21.5839, 23.0647, 26.6069

Monochromacy



Original Color

20.7595, 23.1432, 22.4417

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2008, 22.7282, 23.6916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7595, 23.1432, 22.4417 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, 135, 124)` looks like.

```
.text, #text, p{  
    color:rgb(125, 135, 124)  
}
```

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, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 135, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.7595, 23.1432, 22.4417 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, 135, 124) }
```


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

```
.border{ border-color:rgb(125, 135, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 135,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7595, 23.1432, 22.4417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 135, 124) }
```

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

```
.background{ background-color: rgb(125,  
135, 124) }
```

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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