

Converting Colors

XYZ(22.2580, 24.8361, 20.1160)

Have a look what the booklet for
XYZ(22.2580, 24.8361, 20.1160)
contains.

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Color

**XYZ(22.2165, 24.7945,
20.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	868B74
RGB	134, 139, 116
RGB Percent	53%, 55%, 45%
CMY	0.4745, 0.4549, 0.5451
CMYK	0.04, 0.00, 0.17, 0.45
HSL	73°, 9%, 50%
HSV	73°, 17%, 55%
XYZ	22.2165, 24.7945, 20.1379
YIQ	134.8830, 4.4030, -8.2130

Conversions

Conversions Part 2

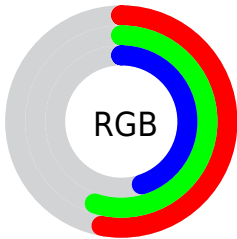
Format	Color
RYB	116, 139, 121
Decimal	8817524
CIELab	56.87, -6.12, 11.70
CIElCh	57, 13.198, 117.606
Yxy	24.7945, 0.3309, 0.3692
Android (android.graphics.Color)	4287007604 (0xFF868B74)
YUV	134.8830, -9.3093, -0.7744
Hunter-Lab	49.7941, -7.4987, 10.8776

Details

The XYZ color **22.2165, 24.7945, 20.1379** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.7917, 18.4205, 26.9925**, and the grayscale version is **23.0185, 24.2173, 26.3726**.

A 20% lighter version of the original color is **46.4110, 51.0912, 44.4613**, and **8.2719, 9.4469, 6.8563** is the 20% darker color. If you saturate the color by 10%, you get **20.9929, 24.2510, 16.1711**, and if you desaturate by 10%, it is **23.5762, 25.3957, 24.7437**.

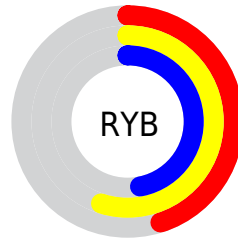
Distribution



Red (53%)

Green (55%)

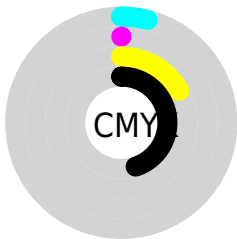
Blue (45%)



Red (45%)

Yellow (55%)

Blue (47%)

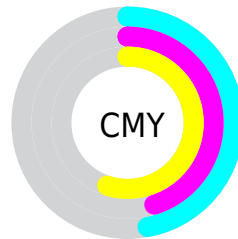


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2165, 24.7945, 20.1379 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 22.2165, 24.7945, 20.1379 by changing the saturation by 10% instead.

■ 22.2165, 24.7945,
20.1379

■ 22.2165, 24.7945,
20.1379

256.2860,
276.8130, 265.2896

■ 14.1336, 15.9240,
12.3103

■ 46.5798, 51.3236,
44.5103

■ 8.2959, 9.4704,
6.8302

■ 63.5908, 69.7511,
61.8921

■ 4.3383, 5.0493,
3.2793

■ 84.3086, 92.1330,
83.2957

■ 1.8952, 2.2762,
1.2390

109.0984,
118.8537, 109.1396

■ 0.5741, 0.7611,
0.0110

138.3257,
150.2977, 139.8424

■ 0.0000, 0.0000,
0.0000

172.3559,

186.8493, 175.8227

211.5542,
228.8929, 217.4989

■ 22.2165, 24.7945,
20.1379

■ 22.2165, 24.7945,
20.1379

■ 20.9929, 24.2510,
16.1711

■ 23.5762, 25.3957,
24.7437

■ 19.8980, 23.7598,
12.8135

■ 25.0752, 26.0533,
30.0134

■ 18.9266, 23.3194,
10.0353

■ 26.7190, 26.7705,
35.9725

■ 18.0722, 22.9275,
7.8035

■ 28.5121, 27.5491,
42.6447

■ 17.3280, 22.5812,
6.0820

■ 30.4591, 28.3909,
50.0524

■ 16.6860, 22.2773,
4.8301

■ 32.5640, 29.2975,
58.2173

■ 16.1372, 22.0121,
4.0009

■ 34.8310, 30.2705,
67.1601

■ 15.6667, 21.7798,
3.5160

■ 37.2638, 31.3117,
76.9005

■ 15.5115, 21.7029,
3.3715

■ 39.8663, 32.4223,
87.4578

Harmonies

Analogous

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



23.6907, 24.7945, 19.3577



22.2165, 24.7945, 20.1379



21.1460, 24.7945, 22.6908

Triad

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



22.2165, 24.7945, 20.1379



22.0105, 24.7945, 34.8367



26.6608, 24.7945, 27.3539

Complementary

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



22.2165, 24.7945, 20.1379



18.7917, 18.4205, 26.9925

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.



26.1648, 24.7945, 31.8162



22.2165, 24.7945, 20.1379



23.4426, 24.7945, 36.4206

Square

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



22.2165, 24.7945, 20.1379



21.0308, 24.7945, 31.1344



24.9700, 24.7945, 35.2597



26.2981, 24.7945, 23.2434

Rectangle

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



22.2165, 24.7945, 20.1379



20.7825, 24.7945, 25.2118



24.9700, 24.7945, 35.2597



26.5885, 24.7945, 28.8645

Sweetspot

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



22.2172, 24.7956, 20.1384



42.5893, 45.6399, 45.5932



20.6360, 20.4214, 19.3775



9.7766, 10.5003, 10.3774



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.



22.2172, 24.7956, 20.1384



38.9047, 44.0116, 33.1680



20.4852, 23.9027, 20.0574



5.3264, 5.7910, 5.3894



14.0139, 19.5944, 3.0435



0.1053, 0.1365, 0.0208

Inverse Universe

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



18.7917, 18.4205, 26.9925



31.5299, 30.2849, 47.9267



20.4979, 19.3001, 27.0723



4.8698, 4.9413, 6.3029



4.7082, 1.9413, 22.1722



0.0418, 0.0183, 0.1478

Previews

White Background



This preview shows how the XYZ color 22.2165, 24.7945, 20.1379 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 22.2165, 24.7945, 20.1379 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

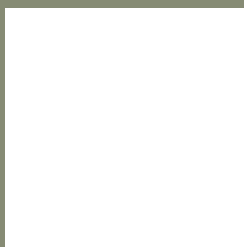
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2165, 24.7945, 20.1379

Background



This preview shows how black text looks on a background with the XYZ color 22.2165, 24.7945, 20.1379.



This preview shows how white text looks on a background with the XYZ color 22.2165, 24.7945,

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

22.2165, 24.7945, 20.1379

Protanopia

23.4003, 24.7754, 19.7685

Deuteranopia

25.0966, 24.6085, 20.5667



Tritanopia

24.3335, 24.8065, 30.6998

Trichromacy



Original Color

22.2165, 24.7945, 20.1379

Protanomaly

22.8554, 24.7046, 19.7835

Deuteranomaly

23.9487, 24.6304, 20.3215

Tritanomaly

23.4939, 24.6760, 26.4463

Monochromacy



Original Color

22.2165, 24.7945, 20.1379

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6921, 24.3177, 23.9199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2165, 24.7945, 20.1379 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(134, 139, 116)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 116)  
}
```

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(134, 139, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 116) }
```

Border

The CSS property to change the border of an element to XYZ 22.2165, 24.7945, 20.1379 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(134, 139, 116) }
```


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

```
.border{ border-color:rgb(134, 139, 116) }
```

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

Here you see how a box with a 4 pixel rgb(134, 139, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 116);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2165, 24.7945, 20.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 116) }
```

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

```
.background{ background-color: rgb(134,  
139, 116) }
```

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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