

Converting Colors

XYZ(23.0044, 24.5104, 20.3247)

Have a look what the booklet for
XYZ(23.0044, 24.5104, 20.3247)
contains.

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Color

**XYZ(22.9996, 24.5554,
20.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8875
RGB	141, 136, 117
RGB Percent	55%, 53%, 46%
CMY	0.4471, 0.4667, 0.5412
CMYK	0.00, 0.04, 0.17, 0.45
HSL	48°, 10%, 51%
HSV	48°, 17%, 55%
XYZ	22.9996, 24.5554, 20.3571
YIQ	135.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

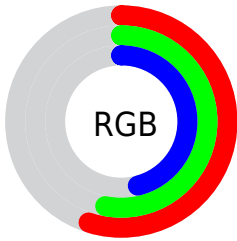
Format	Color
RYB	123, 141, 117
Decimal	9275509
CIELab	56.64, -1.53, 10.88
CIElCh	57, 10.985, 97.985
Yxy	24.5554, 0.3387, 0.3616
Android (android.graphics.Color)	4287465589 (0xFF8D8875)
YUV	135.3290, -9.0362, 4.9735
Hunter-Lab	49.5534, -3.8699, 10.3304

Details

The XYZ color **22.9996, 24.5554, 20.3571** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.1034, 19.6238, 27.9805**, and the grayscale version is **23.1821, 24.3894, 26.5600**.

A 20% lighter version of the original color is **47.8647, 50.8619, 44.8307**, and **8.7164, 9.3094, 6.9677** is the 20% darker color. If you saturate the color by 10%, you get **21.8246, 23.4336, 16.1788**, and if you desaturate by 10%, it is **24.3121, 25.7520, 25.1980**.

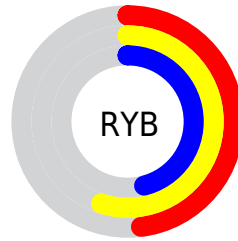
Distribution



Red (55%)

Green (53%)

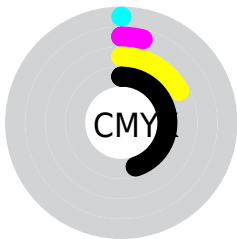
Blue (46%)



Red (48%)

Yellow (55%)

Blue (46%)

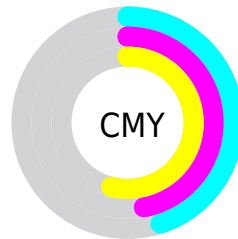


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9996, 24.5554, 20.3571 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 22.9996, 24.5554, 20.3571 by changing the saturation by 10% instead.

■ 22.9996, 24.5554,
20.3571

■ 22.9996, 24.5554,
20.3571

260.2583,
275.6165, 266.5097

■ 14.7139, 15.7461,
12.4682

■ 47.8593, 50.9350,
44.8819

■ 8.7038, 9.3447,
6.9370

■ 65.1641, 69.2742,
62.3549

■ 4.6041, 4.9667,
3.3449

■ 86.2059, 91.5587,
83.8597

■ 2.0492, 2.2277,
1.2733

111.3501,
118.1731, 109.8149

■ 0.6614, 0.7350,
0.0398

140.9621,
149.5017, 140.6389

■ 0.0000, 0.0000,
0.0000

175.4072,

185.9288, 176.7504

215.0509,
227.8390, 218.5678

■ 22.9996, 24.5554,
20.3571

■ 22.9996, 24.5554,
20.3571

■ 21.8246, 23.4336,
16.1788

■ 24.3121, 25.7520,
25.1980

■ 20.7796, 22.3810,
12.6322

■ 25.7655, 27.0223,
30.7274

■ 19.8591, 21.3960,
9.6862

■ 27.3655, 28.3697,
36.9718

■ 19.0565, 20.4759,
7.3066

■ 29.1167, 29.7961,
43.9558

■ 18.3645, 19.6176,
5.4555

■ 31.0238, 31.3036,
51.7028

■ 17.7750, 18.8177,
4.0906

■ 33.0911, 32.8939,
60.2352

■ 17.2787, 18.0722,
3.1628

■ 35.3226, 34.5690,
69.5745

■ 16.8589, 17.3745,
2.5857

■ 37.7225, 36.3304,
79.7414

■ 16.7393, 17.1721,
2.4323

■ 40.2946, 38.1799,
90.7556

Harmonies

Analogous

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



24.2722, 24.5554, 20.7302



22.9996, 24.5554, 20.3571



21.8597, 24.5554, 21.5660

Triad

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



22.9996, 24.5554, 20.3571



21.4560, 24.5554, 31.3045



25.6915, 24.5554, 29.4616

Complementary

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



22.9996, 24.5554, 20.3571



19.1034, 19.6238, 27.9805

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.



24.8839, 24.5554, 32.6740



22.9996, 24.5554, 20.3571



22.4304, 24.5554, 33.8038

Square

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



22.9996, 24.5554, 20.3571



20.9900, 24.5554, 27.7259



23.6821, 24.5554, 34.3266



25.8574, 24.5554, 25.7713

Rectangle

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



22.9996, 24.5554, 20.3571



21.3176, 24.5554, 23.1776



23.6821, 24.5554, 34.3266



25.4847, 24.5554, 30.6426

Sweetspot

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



23.0003, 24.5565, 20.3576



44.0167, 46.5419, 46.9230



20.8714, 19.7958, 21.1987



9.7967, 10.3646, 10.3501



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.



23.0003, 24.5565, 20.3576



40.4448, 43.2765, 33.7759



22.5995, 25.4192, 20.5453



5.7455, 6.0974, 5.7635



15.2744, 15.6805, 2.2216



0.1615, 0.1809, 0.0264

Inverse Universe

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



19.1034, 19.6238, 27.9805



32.2636, 32.9211, 49.7818



19.4527, 18.9162, 27.8256



5.2150, 5.4257, 6.8012



4.8024, 2.5907, 23.2240



0.0592, 0.0513, 0.2265

Previews

White Background



This preview shows how the XYZ color 22.9996, 24.5554, 20.3571 looks on a white background.

Color Contrast Check

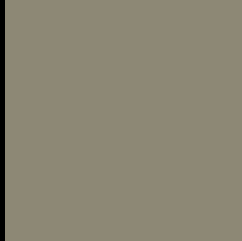
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9996, 24.5554, 20.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

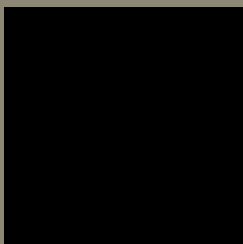
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

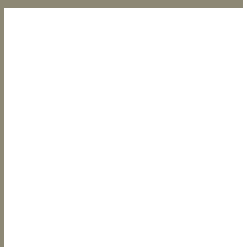
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9996, 24.5554, 20.3571

Background



This preview shows how black text looks on a background with the XYZ color 22.9996, 24.5554, 20.3571.



This preview shows how white text looks on a background with the XYZ color 22.9996, 24.5554,

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

22.9996, 24.5554, 20.3571

Protanopia

23.2026, 24.4519, 20.3264

Deuteranopia

24.9039, 24.5092, 20.5577



Tritanopia

24.7108, 24.4150, 29.3968

Trichromacy



Original Color

22.9996, 24.5554, 20.3571

Protanomaly

23.0302, 24.3631, 20.3183

Deuteranomaly

24.2352, 24.5671, 20.6041

Tritanomaly

24.0183, 24.3359, 25.9857

Monochromacy



Original Color

22.9996, 24.5554, 20.3571

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8768, 24.2048, 23.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9996, 24.5554, 20.3571 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, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(141, 136, 117)  
}
```

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, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 136, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.9996, 24.5554, 20.3571 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, 136, 117) }
```


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

```
.border{ border-color:rgb(141, 136, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(141, 136,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9996, 24.5554, 20.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 136, 117) }
```

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

```
.background{ background-color: rgb(141,  
136, 117) }
```

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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