

Converting Colors

XYZ(24.8448, 24.4855, 20.2463)

Have a look what the booklet for
XYZ(24.8448, 24.4855, 20.2463)
contains.

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Color

**XYZ(24.8448, 24.4855,
20.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8375
RGB	155, 131, 117
RGB Percent	61%, 51%, 46%
CMY	0.3922, 0.4863, 0.5412
CMYK	0.00, 0.15, 0.25, 0.39
HSL	22°, 16%, 53%
HSV	22°, 25%, 61%
XYZ	24.8448, 24.4855, 20.2463
YIQ	136.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

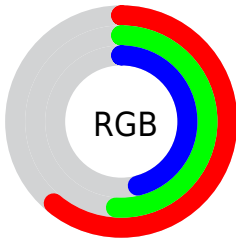
Format	Color
R_{YB}	155, 139, 117
Decimal	10191733
CIE _{Lab}	56.57, 6.89, 10.97
CIE _{LCh}	57, 12.952, 57.861
Yxy	24.4855, 0.3571, 0.3519
Android (android.graphics.Color)	4288381813 (0xFF9B8375)
YUV	136.5800, -9.6529, 16.1543
Hunter-Lab	49.4828, 3.0280, 10.3790




Details

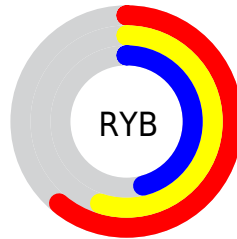
The XYZ color **24.8448, 24.4855, 20.2463** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7773, 25.1977, 34.6738**, and the grayscale version is **23.6502, 24.8819, 27.0964**.




A 20% lighter version of the original color is **50.8803, 50.8472, 44.6689**, and **9.6850, 9.3478, 6.9241** is the 20% darker color. If you saturate the color by 10%, you get **22.7549, 21.6452, 15.4196**, and if you desaturate by 10%, it is **27.2112, 27.6368, 25.9102**.

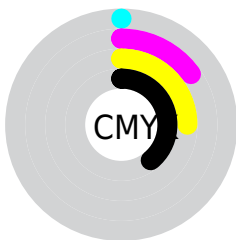
Distribution







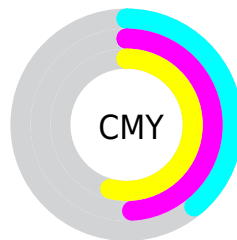
-  Red (61%)
-  Green (51%)
-  Blue (46%)






-  Red (61%)
-  Yellow (55%)
-  Blue (46%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (25%)
-  Black (39%)



-  Cyan (39%)
-  Magenta (49%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8448, 24.4855, 20.2463 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 24.8448, 24.4855, 20.2463 by changing the saturation by 10% instead.

■ 24.8448, 24.4855,
20.2463

■ 24.8448, 24.4855,
20.2463

269.4261,
275.2659, 265.8936

■ 16.0896, 15.6942,
12.3884

■ 50.8500, 50.8213,
44.6941

■ 9.6788, 9.3080,
6.8830

■ 68.8308, 69.1346,
62.1211

■ 5.2472, 4.9426,
3.3117

■ 90.6174, 91.3906,
83.5748

■ 2.4292, 2.2136,
1.2559

116.5752,
117.9738, 109.4738

■ 0.8597, 0.7274,
0.0252

147.0697,
149.2685, 140.2367

■ 0.0000, 0.0000,
0.0000

182.4660,

185.6592, 176.2819

223.1297,
227.5302, 218.0280

■ 24.8448, 24.4855,
20.2463

■ 24.8448, 24.4855,
20.2463

■ 22.7549, 21.6452,
15.4196

■ 27.2112, 27.6368,
25.9102

■ 20.9286, 19.1028,
11.3884

■ 29.8623, 31.1052,
32.4474

■ 19.3550, 16.8491,
8.1096

■ 32.8084, 34.9006,
39.8935

■ 18.0215, 14.8729,
5.5354

■ 36.0587, 39.0318,
48.2819

■ 16.9142, 13.1624,
3.6124

■ 39.6220, 43.5067,
57.6440

■ 16.0177, 11.7048,
2.2792

■ 43.5066, 48.3335,
68.0099

■ 15.3134, 10.4855,
1.4609

■ 47.7206, 53.5198,
79.4086

■ 14.9866, 9.9065,
1.1223

■ 52.2718, 59.0730,
91.8675

■ 56.9250, 64.9033,
104.1351

Harmonies

Analogous

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



25.9233, 24.4855, 22.9754



24.8448, 24.4855, 20.2463



23.3808, 24.4855, 19.2131

Triad

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



24.8448, 24.4855, 20.2463



20.5016, 24.4855, 26.3527



24.6501, 24.4855, 34.6708

Complementary

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



24.8448, 24.4855, 20.2463



22.7773, 25.1977, 34.6738

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.



23.1650, 24.4855, 35.8198



24.8448, 24.4855, 20.2463



20.8093, 24.4855, 30.7200

Square

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



24.8448, 24.4855, 20.2463



20.9096, 24.4855, 22.4941



21.7684, 24.4855, 34.3039



25.8075, 24.4855, 31.3121

Rectangle

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



24.8448, 24.4855, 20.2463



22.3973, 24.4855, 19.5310



21.7684, 24.4855, 34.3039



24.1707, 24.4855, 35.3431

Sweetspot

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



24.8455, 24.4866, 20.2468



52.1851, 54.0218, 54.8864



24.6918, 21.6165, 28.0966



11.7533, 12.1512, 12.2780



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8455, 24.4866, 20.2468



42.5441, 41.2149, 31.7113



27.6245, 30.0447, 21.1732



6.3859, 6.5769, 6.5387



12.0712, 8.0249, 0.9127



0.2133, 0.1857, 0.0246

Inverse Universe

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



22.7773, 25.1977, 34.6738



38.2340, 42.6917, 61.7615



20.2205, 20.0842, 33.8216



6.1931, 6.6436, 7.8849



8.2886, 8.9740, 26.2030



0.1584, 0.2032, 0.4032

Previews

White Background



This preview shows how the XYZ color 24.8448, 24.4855, 20.2463 looks on a white background.

Color Contrast Check

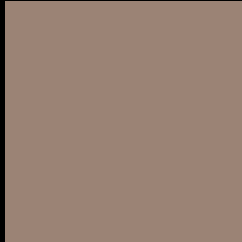
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8448, 24.4855, 20.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

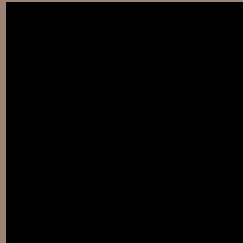
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8448, 24.4855, 20.2463

Background



This preview shows how black text looks on a background with the XYZ color 24.8448, 24.4855, 20.2463.



This preview shows how white text looks on a background with the XYZ color 24.8448, 24.4855,

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

24.8448, 24.4855, 20.2463

Protanopia

23.1491, 24.4106, 20.9444

Deuteranopia

25.0375, 24.5849, 20.2554



Tritanopia

26.2112, 24.4414, 27.3809

Trichromacy



Original Color

24.8448, 24.4855, 20.2463

Protanomaly

23.8277, 24.5612, 20.6245

Deuteranomaly

25.0375, 24.5849, 20.2554

Tritanomaly

25.5898, 24.3801, 24.4762

Monochromacy



Original Color

24.8448, 24.4855, 20.2463

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1948, 24.8689, 24.6441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8448, 24.4855, 20.2463 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(155, 131, 117)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 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(155, 131, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.8448, 24.4855, 20.2463 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(155, 131, 117) }
```


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

```
.border{ border-color:rgb(155, 131, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 131, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 131, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 131, 117); box-shadow:4px 4px 4px 4px rgb(155, 131, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8448, 24.4855, 20.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 131, 117) }
```

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

```
.background{ background-color: rgb(155,  
131, 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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