

Converting Colors

XYZ(24.4834, 24.6897, 20.9306)

Have a look what the booklet for
XYZ(24.4834, 24.6897, 20.9306)
contains.

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Color

**XYZ(24.4798, 24.6863,
20.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	978577
RGB	151, 133, 119
RGB Percent	59%, 52%, 47%
CMY	0.4078, 0.4784, 0.5333
CMYK	0.00, 0.12, 0.21, 0.41
HSL	26°, 13%, 53%
HSV	26°, 21%, 59%
XYZ	24.4798, 24.6863, 20.9275
YIQ	136.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

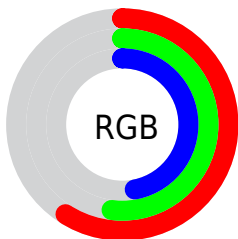
Format	Color
R_{YB}	151, 144, 119
Decimal	9930103
CIE _{Lab}	56.77, 4.46, 10.04
CIE _{LCh}	57, 10.990, 66.033
Yxy	24.6863, 0.3492, 0.3522
Android (android.graphics.Color)	4288120183 (0xFF978577)
YUV	136.7860, -8.7685, 12.4657
Hunter-Lab	49.6853, 0.9971, 9.8067

Details

The XYZ color **24.4798, 24.6863, 20.9275** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1391, 24.0470, 32.7529**, and the grayscale version is **23.7256, 24.9612, 27.1828**.

A 20% lighter version of the original color is **50.3632, 51.1799, 45.7524**, and **9.5632, 9.5049, 7.2918** is the 20% darker color. If you saturate the color by 10%, you get **22.5282, 22.1207, 16.1527**, and if you desaturate by 10%, it is **26.6709, 27.4998, 26.4936**.

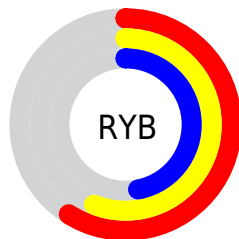
Distribution



Red (59%)

Green (52%)

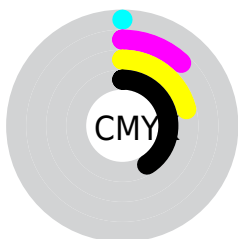
Blue (47%)



Red (59%)

Yellow (56%)

Blue (47%)

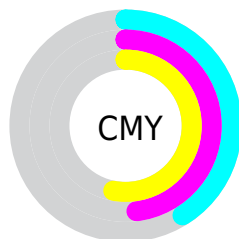


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4798, 24.6863, 20.9275 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 24.4798, 24.6863, 20.9275 by changing the saturation by 10% instead.

■ 24.4798, 24.6863,
20.9275

■ 24.4798, 24.6863,
20.9275

267.6330,
276.2721, 269.6613

■ 15.8166, 15.8435,
12.8803

■ 50.2610, 51.1479,
45.8461

■ 9.4845, 9.4135,
7.2164

■ 68.1098, 69.5354,
63.5545

■ 5.1181, 5.0118,
3.5173

■ 89.7510, 91.8733,
85.3204

■ 2.3522, 2.2542,
1.3645

115.5502,
118.5459, 111.5624

■ 0.8212, 0.7493,
0.1138

145.8726,
149.9378, 142.6989

■ 0.0000, 0.0000,
0.0000

181.0837,

186.4331, 179.1486

221.5487,
228.4164, 221.3298

■ 24.4798, 24.6863,
20.9275

■ 24.4798, 24.6863,
20.9275

■ 22.5282, 22.1207,
16.1527

■ 26.6709, 27.4998,
26.4936

■ 20.8050, 19.7925,
12.1313

■ 29.1080, 30.5647,
32.8835

■ 19.3014, 17.6954,
8.8242

■ 31.7997, 33.8886,
40.1299

■ 18.0068, 15.8213,
6.1884

■ 34.7537, 37.4778,
48.2631

■ 16.9100, 14.1617,
4.1762

■ 37.9772, 41.3383,
57.3121

■ 15.9981, 12.7073,
2.7335

■ 41.4774, 45.4760,
67.3043

■ 15.2565, 11.4479,
1.7966

■ 45.2610, 49.8964,
78.2662

■ 14.7153, 10.4848,
1.2482

■ 49.3344, 54.6051,
90.2231

■ 53.7038, 59.6073,
103.1994

Harmonies

Analogous

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



25.5152, 24.6863, 22.9345



24.4798, 24.6863, 20.9275



23.2053, 24.6863, 20.4489

Triad

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



24.4798, 24.6863, 20.9275



21.0953, 24.6863, 27.6284



24.9446, 24.6863, 33.0056

Complementary

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



24.4798, 24.6863, 20.9275



22.1391, 24.0470, 32.7529

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.



23.7238, 24.6863, 34.5333



24.4798, 24.6863, 20.9275



21.5250, 24.6863, 31.2521

Square

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



24.4798, 24.6863, 20.9275



21.2812, 24.6863, 24.1107



22.4759, 24.6863, 33.8642



25.7903, 24.6863, 29.8518

Rectangle

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



24.4798, 24.6863, 20.9275



22.3977, 24.6863, 21.0187



22.4759, 24.6863, 33.8642



24.5628, 24.6863, 33.7388

Sweetspot

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



24.4805, 24.6874, 20.9280



49.9214, 51.9750, 53.0618



23.8845, 21.5833, 26.6245



11.2886, 11.7405, 11.9087



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.4805, 24.6874, 20.9280



42.2834, 42.1781, 33.6245



26.8188, 29.3641, 21.7075



6.4201, 6.6452, 6.5501



12.5461, 8.9747, 1.0710



0.2229, 0.2048, 0.0278

Inverse Universe

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



22.1391, 24.0470, 32.7529



37.3880, 40.8379, 58.3456



20.0476, 19.8638, 32.0557



6.1581, 6.5736, 7.8732



7.5392, 7.4750, 25.9532



0.1489, 0.1841, 0.4001

Previews

White Background



This preview shows how the XYZ color 24.4798, 24.6863, 20.9275 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 24.4798, 24.6863, 20.9275 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 24.4798, 24.6863, 20.9275

Background



This preview shows how black text looks on a background with the XYZ color 24.4798, 24.6863, 20.9275.



This preview shows how white text looks on a background with the XYZ color 24.4798, 24.6863,

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

24.4798, 24.6863, 20.9275

Protanopia

23.3497, 24.7152, 21.3091

Deuteranopia

25.1564, 24.6324, 20.8814



Tritanopia

26.0427, 24.7287, 28.2115

Trichromacy



Original Color

24.4798, 24.6863, 20.9275

Protanomaly

23.7312, 24.7038, 21.2868

Deuteranomaly

24.9075, 24.7045, 20.9084

Tritanomaly

25.4180, 24.6708, 25.2521

Monochromacy



Original Color

24.4798, 24.6863, 20.9275

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9888, 24.9708, 24.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4798, 24.6863, 20.9275 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(151, 133, 119)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 119)  
}
```

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(151, 133, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.4798, 24.6863, 20.9275 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(151, 133, 119) }
```


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

```
.border{ border-color:rgb(151, 133, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 119);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4798, 24.6863, 20.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 119) }
```

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

```
.background{ background-color: rgb(151,  
133, 119) }
```

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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