

Converting Colors

XYZ(20.7326, 24.1725, 19.9006)

Have a look what the booklet for
XYZ(20.7326, 24.1725, 19.9006)
contains.

XYZ(20.7848, 24.2791, 19.8105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.7848, 24.2791,
19.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8C73
RGB	124, 140, 115
RGB Percent	49%, 55%, 45%
CMY	0.5137, 0.4510, 0.5490
CMYK	0.11, 0.00, 0.18, 0.45
HSL	98°, 10%, 50%
HSV	98°, 18%, 55%
XYZ	20.7848, 24.2791, 19.8105
YIQ	132.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

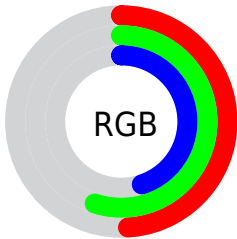
Format	Color
R_{YB}	115, 140, 131
Decimal	8162419
CIE _{Lab}	56.37, -10.69, 11.44
CIE _{LCh}	56, 15.656, 133.053
Yxy	24.2791, 0.3204, 0.3742
Android (android.graphics.Color)	4286352499 (0xFF7C8C73)
YUV	132.3660, -8.5614, -7.3370
Hunter-Lab	49.2738, -10.9339, 10.6542

Details

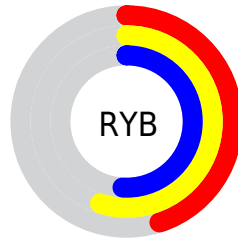
The XYZ color **20.7848, 24.2791, 19.8105** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2254, 18.9809, 27.4100**, and the grayscale version is **22.0953, 23.2459, 25.3148**.

A 20% lighter version of the original color is **44.3983, 50.7207, 44.0093**, and **7.5709, 9.2134, 6.6895** is the 20% darker color. If you saturate the color by 10%, you get **18.8031, 23.3443, 15.8270**, and if you desaturate by 10%, it is **23.0079, 25.3256, 24.4451**.

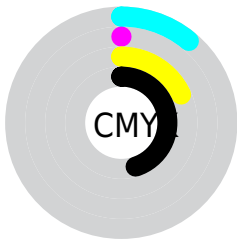
Distribution



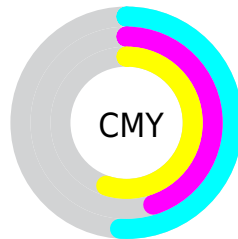
- Red (49%)
- Green (55%)
- Blue (45%)



- Red (45%)
- Yellow (55%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7848, 24.2791, 19.8105 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 20.7848, 24.2791, 19.8105 by changing the saturation by 10% instead.

■ 20.7848, 24.2791,
19.8105

■ 20.7848, 24.2791,
19.8105

248.8860,
274.2285, 263.4576

■ 13.0784, 15.5408,
12.0747

■ 44.2231, 50.4853,
43.9540

■ 7.5599, 9.1998,
6.6714

■ 60.6856, 68.7219,
61.1988

■ 3.8641, 4.8717,
3.1821

■ 80.7976, 90.8935,
82.4503

■ 1.6255, 2.1722,
1.1884

104.9243,
117.3843, 108.1271

■ 0.4090, 0.7048,
0.0000

133.4312,
148.5788, 138.6476

■ 0.0000, 0.0000,
0.0000

166.6835,

184.8614, 174.4306

205.0467,
226.6165, 215.8944

■ 20.7848, 24.2791,
19.8105

■ 20.7848, 24.2791,
19.8105

■ 18.8031, 23.3443,
15.8270

■ 23.0079, 25.3256,
24.4451

■ 17.0521, 22.5143,
12.4639

■ 25.4787, 26.4843,
29.7564

■ 15.5235, 21.7861,
9.6903

■ 28.2055, 27.7597,
35.7708

■ 14.2074, 21.1553,
7.4722

■ 31.1956, 29.1551,
42.5127

■ 13.0930, 20.6173,
5.7720

■ 34.4563, 30.6736,
50.0051

■ 12.1687, 20.1670,
4.5475

■ 37.9943, 32.3182,
58.2703

■ 11.4211, 19.7985,
3.7498

■ 41.8161, 34.0919,
67.3296

■ 10.8274, 19.5022,
3.2797

■ 45.9282, 35.9974,
77.2034

■ 10.7135, 19.4453,
3.1887

■ 50.3365, 38.0376,
87.9114

Harmonies

Analogous

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



22.3006, 24.2791, 17.8783



20.7848, 24.2791, 19.8105



19.9098, 24.2791, 23.6399

Triad

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



20.7848, 24.2791, 19.8105



22.0785, 24.2791, 37.1433



26.6297, 24.2791, 24.2514

Complementary

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



20.7848, 24.2791, 19.8105



20.2254, 18.9809, 27.4100

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.



26.5625, 24.2791, 29.4439



20.7848, 24.2791, 19.8105



23.8703, 24.2791, 37.3633

Square

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



20.7848, 24.2791, 19.8105



20.6295, 24.2791, 33.8279



25.5309, 24.2791, 34.3946



25.7099, 24.2791, 20.2076

Rectangle

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



20.7848, 24.2791, 19.8105



19.7778, 24.2791, 26.9694



25.5309, 24.2791, 34.3946



26.7232, 24.2791, 25.9093

Sweetspot

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



20.7854, 24.2801, 19.8110



41.7169, 45.1902, 45.5523



22.0047, 23.0021, 19.5001



9.5519, 10.3844, 10.3669



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.



20.7854, 24.2801, 19.8110



35.3433, 42.1916, 32.2793



19.7389, 23.7181, 20.7817



5.1307, 5.6901, 5.3803



9.5391, 17.2875, 2.8341



0.0783, 0.1226, 0.0195

Inverse Universe

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



20.2254, 18.9809, 27.4100



34.1860, 31.2473, 47.9725



21.4384, 19.6342, 26.2028



5.0621, 5.0405, 6.3119



7.9406, 3.6077, 22.3235



0.0688, 0.0322, 0.1490

Previews

White Background



This preview shows how the XYZ color 20.7848, 24.2791, 19.8105 looks on a white background.

Color Contrast Check

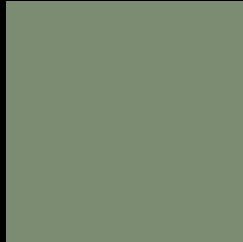
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7848, 24.2791, 19.8105 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 20.7848, 24.2791, 19.8105

Background



This preview shows how black text looks on a background with the XYZ color 20.7848, 24.2791, 19.8105.



This preview shows how white text looks on a background with the XYZ color 20.7848, 24.2791,

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

20.7848, 24.2791, 19.8105

Protanopia

22.7439, 24.2486, 18.8109

Deuteranopia

24.5199, 24.1196, 20.1928



Tritanopia

23.0457, 24.3508, 30.6797

Trichromacy



Original Color

20.7848, 24.2791, 19.8105

Protanomaly

21.9180, 24.2345, 19.1453

Deuteranomaly

23.0052, 24.1508, 19.9721

Tritanomaly

22.0712, 24.1526, 26.4203

Monochromacy



Original Color

20.7848, 24.2791, 19.8105

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4831, 23.5014, 23.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7848, 24.2791, 19.8105 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(124, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 115)  
}
```

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(124, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.7848, 24.2791, 19.8105 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(124, 140, 115) }
```


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

```
.border{ border-color:rgb(124, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7848, 24.2791, 19.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 115) }
```

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

```
.background{ background-color: rgb(124,  
140, 115) }
```

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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