

Converting Colors

XYZ(24.6253, 19.8797, 20.2194)

Have a look what the booklet for
XYZ(24.6253, 19.8797, 20.2194)
contains.

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Color

**XYZ(24.6926, 19.9890,
20.3261)**

Conversions

Conversions Part 1

Format	Color
Hex	A86A78
RGB	168, 106, 120
RGB Percent	66%, 42%, 47%
CMY	0.3412, 0.5843, 0.5294
CMYK	0.00, 0.37, 0.29, 0.34
HSL	346°, 26%, 54%
HSV	346°, 37%, 66%
XYZ	24.6926, 19.9890, 20.3261
YIQ	126.1340, 32.4580, 17.4980

Conversions

Conversions Part 2

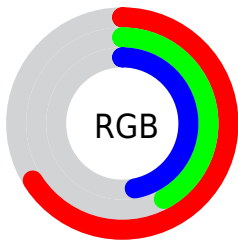
Format	Color
RYB	168, 106, 120
Decimal	11037304
CIELab	51.82, 26.69, 2.64
CIELCh	52, 26.822, 5.638
Yxy	19.9890, 0.3798, 0.3075
Android (android.graphics.Color)	4289227384 (0xFFA86A78)
YUV	126.1340, -3.0241, 36.7165
Hunter-Lab	44.7091, 20.3438, 4.3413

Details

The XYZ color **24.6926, 19.9890, 20.3261** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7801, 33.4029, 35.6622**, and the grayscale version is **19.8795, 20.9148, 22.7762**.

A 20% lighter version of the original color is **50.7246, 43.4398, 44.7410**, and **9.5723, 6.9715, 6.9720** is the 20% darker color. If you saturate the color by 10%, you get **22.3914, 16.5651, 15.9253**, and if you desaturate by 10%, it is **27.4414, 24.1360, 25.4056**.

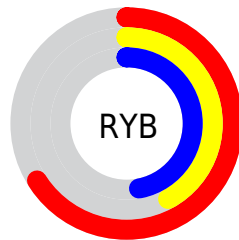
Distribution



Red (66%)

Green (42%)

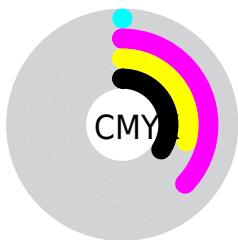
Blue (47%)



Red (66%)

Yellow (42%)

Blue (47%)

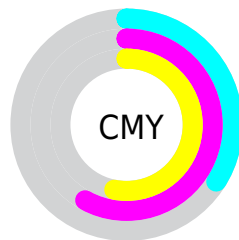


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (34%)



Cyan (34%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6926, 19.9890, 20.3261 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 24.6926, 19.9890, 20.3261 by changing the saturation by 10% instead.

 24.6926, 19.9890,
20.3261


 24.6926, 19.9890,
20.3261


268.6796,
251.8556, 266.3374


 15.9757, 12.3870,
12.4459


 50.6046, 43.3987,
44.8294


 9.5977, 7.0078,
6.9219


 68.5304, 59.9753,
62.2895

 5.1932, 3.4670,
3.3356

 90.2565, 80.3122,
83.7800

 2.3970, 1.3801,
1.2684

 116.1483,
104.7939, 109.7195

 0.8436, 0.2020,
0.0357

146.5712,
133.8046, 140.5264

 0.0000, 0.0000,
0.0000

181.8904,

167.7289, 176.6194

222.4714,
206.9511, 218.4169

■ 24.6926, 19.9890,
20.3261

■ 24.6926, 19.9890,
20.3261

■ 22.3914, 16.5651,
15.9253

■ 27.4414, 24.1360,
25.4056

■ 20.5118, 13.8200,
12.1729

■ 30.6583, 29.0415,
31.1900

■ 19.0279, 11.7088,
9.0376


■ 34.3649, 34.7418,
37.7057


■ 17.9101, 10.1801,
6.4853


■ 38.5805, 41.2702,
44.9772


■ 17.1242, 9.1743,
4.4782


■ 43.3238, 48.6581,
53.0279


 16.6221, 8.6047,
2.9713

 48.6121, 56.9351,
61.8803

 16.4971, 8.4643,
2.5919

 54.4623, 66.1296,
71.5557

 60.8903, 76.2685,
82.0748

 67.2041, 85.9631,
93.2218

Harmonies

Analogous

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



24.1719, 19.9890, 28.5452



24.6926, 19.9890, 20.3261



23.5737, 19.9890, 14.1526

Triad

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



24.6926, 19.9890, 20.3261



16.1120, 19.9890, 11.7210



16.9225, 19.9890, 38.4568

Complementary

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



24.6926, 19.9890, 20.3261



25.7801, 33.4029, 35.6622

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.



15.0580, 19.9890, 31.7091



24.6926, 19.9890, 20.3261



14.6223, 19.9890, 16.1530

Square

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



24.6926, 19.9890, 20.3261



18.4898, 19.9890, 10.0038



14.2556, 19.9890, 23.2695



19.5174, 19.9890, 40.3294

Rectangle

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



24.6926, 19.9890, 20.3261



22.1059, 19.9890, 11.5948



14.2556, 19.9890, 23.2695



16.1976, 19.9890, 36.6161

Sweetspot

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



24.6931, 19.9900, 20.3265



59.3569, 58.4155, 63.1730



25.4604, 19.9606, 39.5566



12.7486, 12.4419, 13.4374



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.6931, 19.9900, 20.3265



41.4423, 31.2567, 30.4722



25.7758, 23.4168, 16.7983



7.5979, 7.5690, 8.1998



12.4747, 6.3986, 2.0452



0.3219, 0.1630, 0.1468

Inverse Universe

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



24.6931, 19.9900, 20.3265



41.4423, 31.2567, 30.4722



24.1544, 28.1757, 41.2111



7.5979, 7.5690, 8.1998



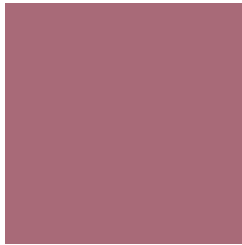
12.4747, 6.3986, 2.0452



0.3219, 0.1630, 0.1468

Previews

White Background



This preview shows how the XYZ color 24.6926, 19.9890, 20.3261 looks on a white background.

Color Contrast Check

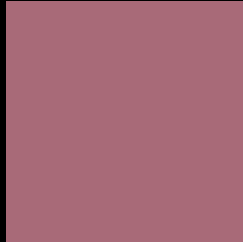
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6926, 19.9890, 20.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

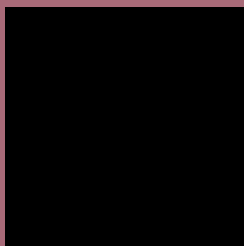
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6926, 19.9890, 20.3261

Background



This preview shows how black text looks on a background with the XYZ color 24.6926, 19.9890, 20.3261.



This preview shows how white text looks on a background with the XYZ color 24.6926, 19.9890,

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

24.6926, 19.9890, 20.3261

Protanopia

19.4244, 20.0627, 23.9678

Deuteranopia

20.4677, 20.1442, 19.9490



Tritanopia

24.2886, 19.9687, 18.7939

Trichromacy



Original Color

24.6926, 19.9890, 20.3261

Protanomaly

20.9424, 19.8044, 22.4575

Deuteranomaly

21.8549, 19.9829, 20.1580

Tritanomaly

24.4049, 20.0152, 19.4067

Monochromacy



Original Color

24.6926, 19.9890, 20.3261

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2194, 20.3116, 21.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6926, 19.9890, 20.3261 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(168, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 106, 120)  
}
```

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(168, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 106, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.6926, 19.9890, 20.3261 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(168, 106, 120) }
```


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

```
.border{ border-color:rgb(168, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 106,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6926, 19.9890, 20.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 106, 120) }
```

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

```
.background{ background-color: rgb(168,  
106, 120) }
```

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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