

Converting Colors

XYZ(20.9522, 18.9317, 22.5665)

Have a look what the booklet for
XYZ(20.9522, 18.9317, 22.5665)
contains.

XYZ(20.9526, 18.9603, 22.6341)	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(20.9526, 18.9603,
22.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	8F707F
RGB	143, 112, 127
RGB Percent	56%, 44%, 50%
CMY	0.4392, 0.5608, 0.5020
CMYK	0.00, 0.22, 0.11, 0.44
HSL	331°, 12%, 50%
HSV	331°, 22%, 56%
XYZ	20.9526, 18.9603, 22.6341
YIQ	122.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

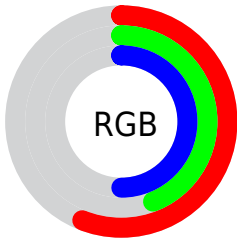
Format	Color
R_{YB}	143, 112, 127
Decimal	9400447
CIE Lab	50.64, 14.80, -3.58
CIE LCh	51, 15.226, 346.407
Yxy	18.9603, 0.3350, 0.3031
Android (android.graphics.Color)	4287590527 (0xFF8F707F)
YUV	122.9790, 1.9824, 17.5584
Hunter-Lab	43.5434, 9.6912, -0.3389

Details

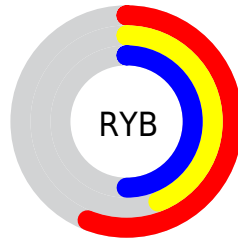
The XYZ color **20.9526, 18.9603, 22.6341** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.4016, 24.6486, 24.1055**, and the grayscale version is **18.8108, 19.7904, 21.5518**.

A 20% lighter version of the original color is **44.5396, 41.7165, 48.8846**, and **7.6222, 6.4922, 8.0591** is the 20% darker color. If you saturate the color by 10%, you get **19.0349, 15.8665, 19.7078**, and if you desaturate by 10%, it is **23.1573, 22.5711, 25.8304**.

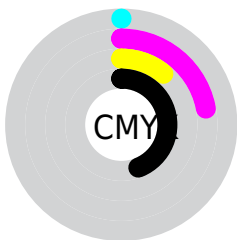
Distribution



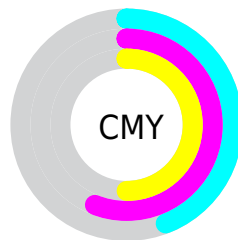
- Red (56%)
- Green (44%)
- Blue (50%)



- Red (56%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9526, 18.9603, 22.6341 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 20.9526, 18.9603, 22.6341 by changing the saturation by 10% instead.

■ 20.9526, 18.9603,
22.6341

■ 20.9526, 18.9603,
22.6341

249.7630,
246.2295, 278.9008

■ 13.2016, 11.6416,
14.1208

■ 44.5005, 41.6670,
48.7074

■ 7.6455, 6.5001,
8.0650

■ 61.0281, 57.8238,
67.1044

■ 3.9188, 3.1515,
4.0482

■ 81.2120, 77.6954,
89.6332

■ 1.6563, 1.2113,
1.6518

■ 105.4176,
101.6662, 116.7121

■ 0.4287, 0.0709,
0.3274

134.0101,
130.1206, 148.7598

■ 0.0000, 0.0000,
0.0000

167.3549,

163.4431, 186.1948

205.8174,
202.0179, 229.4356

■ 20.9526, 18.9603,
22.6341

■ 20.9526, 18.9603,
22.6341

■ 19.0349, 15.8665,
19.7078

■ 23.1573, 22.5711,
25.8304

■ 17.3899, 13.2633,
17.0425

■ 25.6590, 26.7187,
29.3029

■ 16.0047, 11.1257,
14.6301

■ 28.4694, 31.4249,
33.0594

■ 14.8646, 9.4254,
12.4618

■ 31.5990, 36.7096,
37.1066

■ 13.9531, 8.1312,
10.5281

■ 35.0578, 42.5918,
41.4512

■ 13.2520, 7.2076,
8.8185

■ 38.8552, 49.0895,
46.0995

■ 12.7395, 6.6128,
7.3214

■ 43.0005, 56.2199,
51.0578

■ 12.4078, 6.2717,
6.2175

■ 47.5024, 63.9996,
56.3320

■ 52.3693, 72.4447,
61.9279

Harmonies

Analogous

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



20.1774, 18.9603, 26.8365



20.9526, 18.9603, 22.6341



20.9124, 18.9603, 18.4120

Triad

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



20.9526, 18.9603, 22.6341



17.2238, 18.9603, 13.7300



16.1166, 18.9603, 27.1774

Complementary

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



20.9526, 18.9603, 22.6341



20.4016, 24.6486, 24.1055

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.



15.4096, 18.9603, 23.0506



20.9526, 18.9603, 22.6341



16.0244, 18.9603, 15.4868

Square

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



20.9526, 18.9603, 22.6341



18.7031, 18.9603, 13.6507



15.3768, 18.9603, 18.7751



17.3560, 18.9603, 29.6934

Rectangle

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



20.9526, 18.9603, 22.6341



20.4274, 18.9603, 16.1465



15.3768, 18.9603, 18.7751



15.8118, 18.9603, 25.9088

Sweetspot

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



20.9531, 18.9611, 22.6345



43.4323, 43.6628, 49.0117



19.5799, 18.1230, 28.4528



9.9091, 9.9285, 11.1686



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.9531, 18.9611, 22.6345



35.7868, 31.1426, 37.9209



20.0472, 18.5988, 17.8636



5.5108, 5.4648, 6.1877



10.9813, 5.5495, 5.5529



0.1160, 0.0575, 0.1113

Inverse Universe

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



20.9531, 18.9611, 22.6345



35.7868, 31.1426, 37.9209



21.4630, 25.0732, 29.6951



5.5108, 5.4648, 6.1877



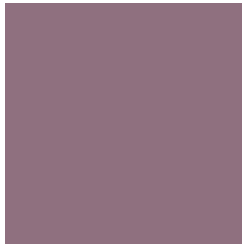
10.9813, 5.5495, 5.5529



0.1160, 0.0575, 0.1113

Previews

White Background



This preview shows how the XYZ color 20.9526, 18.9603, 22.6341 looks on a white background.

Color Contrast Check

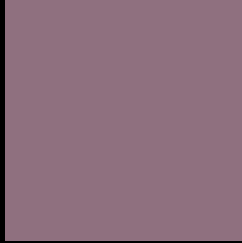
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9526, 18.9603, 22.6341 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 20.9526, 18.9603, 22.6341

Background



This preview shows how black text looks on a background with the XYZ color 20.9526, 18.9603, 22.6341.



This preview shows how white text looks on a background with the XYZ color 20.9526, 18.9603,

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

20.9526, 18.9603, 22.6341

Protanopia

18.6271, 19.0920, 24.5332

Deuteranopia

19.3331, 18.9748, 22.3822



Tritanopia

20.5733, 18.9662, 20.9889

Trichromacy



Original Color

20.9526, 18.9603, 22.6341

Protanomaly

19.2926, 18.9235, 23.7549

Deuteranomaly

19.8883, 18.9187, 22.3421

Tritanomaly

20.6985, 19.0163, 21.6484

Monochromacy



Original Color

20.9526, 18.9603, 22.6341

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.4408, 19.3947, 21.7877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9526, 18.9603, 22.6341 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(143, 112, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 127)  
}
```

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(143, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.9526, 18.9603, 22.6341 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(143, 112, 127) }
```


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

```
.border{ border-color:rgb(143, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 112, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 112, 127); box-shadow:4px 4px 4px 4px rgb(143, 112, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9526, 18.9603, 22.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 127) }
```

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

```
.background{ background-color: rgb(143,  
112, 127) }
```

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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