

Converting Colors

XYZ(22.0952, 20.0739, 18.8449)

Have a look what the booklet for
XYZ(22.0952, 20.0739, 18.8449)
contains.

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Color

**XYZ(22.1741, 20.1747,
18.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	987373
RGB	152, 115, 115
RGB Percent	60%, 45%, 45%
CMY	0.4039, 0.5490, 0.5490
CMYK	0.00, 0.24, 0.24, 0.40
HSL	0°, 15%, 52%
HSV	0°, 24%, 60%
XYZ	22.1741, 20.1747, 18.9451
YIQ	126.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

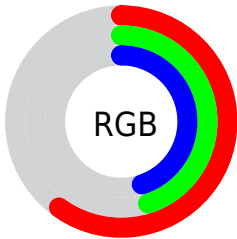
Format	Color
R_{YB}	152, 115, 115
Decimal	9991027
CIE _{Lab}	52.03, 14.55, 5.65
CIE _{LCh}	52, 15.609, 21.205
Yxy	20.1747, 0.3618, 0.3291
Android (android.graphics.Color)	4288181107 (0xFF987373)
YUV	126.0630, -5.4541, 22.7467
Hunter-Lab	44.9163, 9.5178, 6.4336

Details

The XYZ color **22.1741, 20.1747, 18.9451** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9656, 28.3673, 33.9180**, and the grayscale version is **19.8658, 20.9004, 22.7605**.

A 20% lighter version of the original color is **46.5259, 43.6929, 42.5406**, and **8.2758, 7.1289, 6.2500** is the 20% darker color. If you saturate the color by 10%, you get **19.7780, 16.6687, 14.1811**, and if you desaturate by 10%, it is **25.0013, 24.3118, 24.5648**.

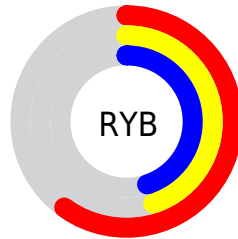
Distribution



Red (60%)

Green (45%)

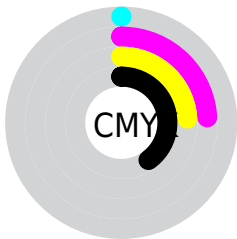
Blue (45%)



Red (60%)

Yellow (45%)

Blue (45%)

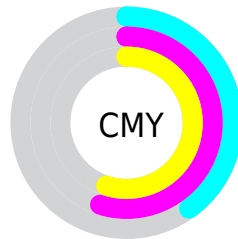


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1741, 20.1747, 18.9451 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 22.1741, 20.1747, 18.9451 by changing the saturation by 10% instead.

■ 22.1741, 20.1747,
18.9451

■ 22.1741, 20.1747,
18.9451

256.0694,
252.8593, 258.5581

■ 14.1022, 12.5221,
11.4542

■ 46.5103, 43.7099,
42.4768

■ 8.2740, 7.1003,
6.2552

■ 63.5053, 60.3613,
59.3546

■ 4.3240, 3.5249,
2.9296

■ 84.2054, 80.7810,
80.1986

■ 1.8870, 1.4115,
1.0588

■ 108.9759,
105.3535, 105.4271

■ 0.5693, 0.2252,
0.0000

138.1822,
134.4632, 135.4588

■ 0.0000, 0.0000,
0.0000

172.1897,

168.4945, 170.7122

211.3636,
207.8317, 211.6058

■ 22.1741, 20.1747,
18.9451

■ 22.1741, 20.1747,
18.9451

■ 19.7780, 16.6687,
14.1811

■ 25.0013, 24.3118,
24.5648

■ 17.7904, 13.7602,
10.2298

■ 28.2776, 29.1058,
31.0781

■ 16.1889, 11.4167,
7.0461


■ 32.0219, 34.5848,
38.5218


■ 14.9484, 9.6015,
4.5802


■ 36.2516, 40.7740,
46.9306


■ 14.0410, 8.2736,
2.7765


■ 40.9832, 47.6976,
56.3373


 13.4345, 7.3861,
1.5709


 46.2325, 55.3786,
66.7730

 13.0895, 6.8812,
0.8853

 52.0144, 63.8390,
78.2677

 12.9490, 6.6757,
0.6060

 58.3433, 73.0998,
90.8500

 65.2332, 83.1815,
104.5476

Harmonies

Analogous

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



22.3634, 20.1747, 23.3351



22.1741, 20.1747, 18.9451



21.1586, 20.1747, 15.8164

Triad

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



22.1741, 20.1747, 18.9451



16.8866, 20.1747, 16.9179



18.7111, 20.1747, 31.8226

Complementary

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



22.1741, 20.1747, 18.9451



23.9656, 28.3673, 33.9180

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.



17.3203, 20.1747, 29.5349



22.1741, 20.1747, 18.9451



16.3059, 20.1747, 20.6531

Square

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



22.1741, 20.1747, 18.9451



18.0891, 20.1747, 14.7636



16.4601, 20.1747, 25.2939



20.3045, 20.1747, 31.1985

Rectangle

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



22.1741, 20.1747, 18.9451



20.1790, 20.1747, 14.6670



16.4601, 20.1747, 25.2939



18.2058, 20.1747, 31.3582

Sweetspot

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



22.1746, 20.1756, 18.9455



48.2148, 48.8902, 51.4803



24.7472, 21.2041, 32.4942



10.8881, 11.0090, 11.5607



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.



22.1746, 20.1756, 18.9455



36.8388, 32.2440, 28.8650



24.4996, 24.8256, 19.7205



6.2088, 6.2228, 6.4797



10.8575, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



23.9656, 28.3673, 33.9180



40.5374, 49.1614, 59.7862



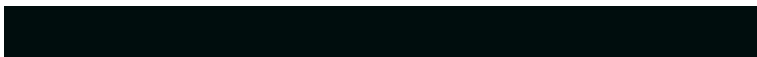
21.1941, 22.8243, 32.9942



6.3846, 7.0265, 7.9487



14.1650, 20.7266, 28.1618



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 22.1741, 20.1747, 18.9451 looks on a white background.

Color Contrast Check

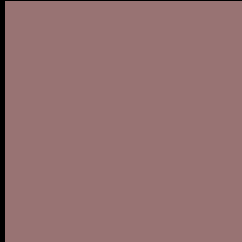
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1741, 20.1747, 18.9451 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 22.1741, 20.1747, 18.9451

Background



This preview shows how black text looks on a background with the XYZ color 22.1741, 20.1747, 18.9451.



This preview shows how white text looks on a background with the XYZ color 22.1741, 20.1747,

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

22.1741, 20.1747, 18.9451

Protanopia

19.4999, 20.3606, 20.6715

Deuteranopia

20.5690, 20.2233, 18.7390



Tritanopia

22.7293, 20.2370, 21.4471

Trichromacy



Original Color

22.1741, 20.1747, 18.9451

Protanomaly

20.4239, 20.3011, 19.9816

Deuteranomaly

21.0173, 20.1011, 18.6918

Tritanomaly

22.5443, 20.1630, 20.4729

Monochromacy



Original Color

22.1741, 20.1747, 18.9451

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.4641, 20.4751, 21.2859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1741, 20.1747, 18.9451 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(152, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 115, 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(152, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 22.1741, 20.1747, 18.9451 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(152, 115, 115) }
```


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

```
.border{ border-color:rgb(152, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1741, 20.1747, 18.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 115, 115) }
```

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

```
.background{ background-color: rgb(152,  
115, 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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