

Converting Colors

XYZ(22.3181, 22.3948, 20.9161)

Have a look what the booklet for
XYZ(22.3181, 22.3948, 20.9161)
contains.

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Color

**XYZ(22.3072, 22.3744,
20.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7F78
RGB	143, 127, 120
RGB Percent	56%, 50%, 47%
CMY	0.4392, 0.5019, 0.5294
CMYK	0.00, 0.11, 0.16, 0.44
HSL	18°, 9%, 52%
HSV	18°, 16%, 56%
XYZ	22.3072, 22.3744, 20.9123
YIQ	130.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

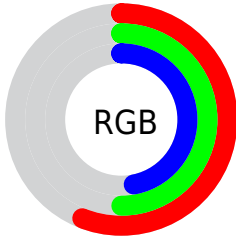
Format	Color
R_{YB}	143, 130, 120
Decimal	9404280
CIE Lab	54.42, 4.87, 6.02
CIE LCh	54, 7.750, 51.026
Yxy	22.3744, 0.3401, 0.3411
Android (android.graphics.Color)	4287594360 (0xFF8F7F78)
YUV	130.9860, -5.4161, 10.5363
Hunter-Lab	47.3016, 1.4020, 6.8987

Details

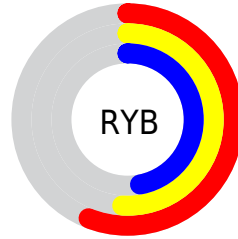
The XYZ color **22.3072, 22.3744, 20.9123** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5077, 23.5841, 29.4054**, and the grayscale version is **21.5846, 22.7087, 24.7298**.

A 20% lighter version of the original color is **46.7936, 47.4914, 45.7302**, and **8.3077, 8.1920, 7.2742** is the 20% darker color. If you saturate the color by 10%, you get **20.2817, 19.6100, 16.2704**, and if you desaturate by 10%, it is **24.5904, 25.4463, 26.2801**.

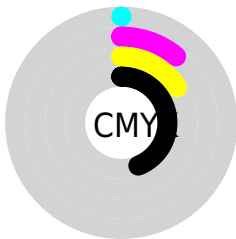
Distribution



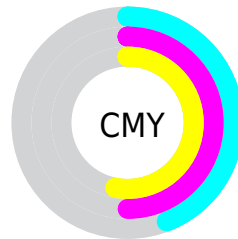
- Red (56%)
- Green (50%)
- Blue (47%)



- Red (56%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3072, 22.3744, 20.9123 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 22.3072, 22.3744, 20.9123 by changing the saturation by 10% instead.

■ 22.3072, 22.3744,
20.9123

■ 22.3072, 22.3744,
20.9123

256.7487,
264.4953, 269.5778

■ 14.2007, 14.1323,
12.8693

■ 46.7283, 47.3640,
45.8204

■ 8.3430, 8.2127,
7.2089

■ 63.7736, 64.8803,
63.5226

■ 4.3688, 4.2314,
3.5127

■ 84.5291, 86.2567,
85.2816

■ 1.9128, 1.8038,
1.3620

109.3603,
111.8777, 111.5160

■ 0.5843, 0.4895,
0.1118

138.6325,
142.1277, 142.6443

■ 0.0000, 0.0000,
0.0000

172.7111,

177.3910, 179.0849

211.9614,
218.0521, 221.2566

■ 22.3072, 22.3744,
20.9123

■ 22.3072, 22.3744,
20.9123

■ 20.2817, 19.6100,
16.2704

■ 24.5904, 25.4463,
26.2801

■ 18.5027, 17.1405,
12.3217

■ 27.1383, 28.8320,
32.4019

■ 16.9608, 14.9568,
9.0329

■ 29.9601, 32.5411,
39.3059

■ 15.6453, 13.0481,
6.3674

■ 33.0637, 36.5820,
47.0186

■ 14.5446, 11.4032,
4.2852

■ 36.4568, 40.9630,
55.5651

■ 13.6460, 10.0095,
2.7414

■ 40.1469, 45.6917,
64.9695

■ 12.9351, 8.8538,
1.6844

■ 44.1412, 50.7758,
75.2548

■ 12.3924, 7.9198,
1.0364

■ 48.4464, 56.2226,
86.4432

■ 12.2113, 7.6068,
0.8247

■ 53.0694, 62.0391,
98.5563

Harmonies

Analogous

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



22.8231, 22.3744, 22.7262



22.3072, 22.3744, 20.9123



21.5213, 22.3744, 20.0386

Triad

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



22.3072, 22.3744, 20.9123



19.6975, 22.3744, 23.6415



21.8560, 22.3744, 28.9807

Complementary

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



22.3072, 22.3744, 20.9123



21.5077, 23.5841, 29.4054

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.



21.0131, 22.3744, 29.2662



22.3072, 22.3744, 20.9123



19.7818, 22.3744, 26.0743

Square

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



22.3072, 22.3744, 20.9123



20.0249, 22.3744, 21.5441



20.2581, 22.3744, 28.1714



22.5578, 22.3744, 27.4153

Rectangle

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



22.3072, 22.3744, 20.9123



20.9562, 22.3744, 20.0641



20.2581, 22.3744, 28.1714



21.5793, 22.3744, 29.2335

Sweetspot

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



22.3078, 22.3754, 20.9128



44.4623, 46.1379, 48.0748



22.4955, 21.0533, 26.2081



10.1333, 10.4964, 10.8748



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.



22.3078, 22.3754, 20.9128



38.6955, 38.3675, 34.5514



23.8641, 25.4879, 21.4315



5.5345, 5.6752, 5.6931



10.8139, 6.7595, 0.7348



0.1210, 0.0999, 0.0129

Inverse Universe

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



21.5077, 23.5841, 29.4054



37.0052, 40.9187, 52.4857



19.9870, 20.5427, 28.8985



5.4236, 5.8429, 6.8707



8.3867, 9.7593, 24.4188



0.0997, 0.1323, 0.2400

Previews

White Background



This preview shows how the XYZ color 22.3072, 22.3744, 20.9123 looks on a white background.

Color Contrast Check

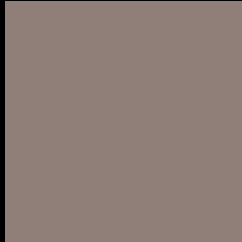
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3072, 22.3744, 20.9123 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 22.3072, 22.3744, 20.9123

Background



This preview shows how black text looks on a background with the XYZ color 22.3072, 22.3744, 20.9123.



This preview shows how white text looks on a background with the XYZ color 22.3072, 22.3744,

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

22.3072, 22.3744, 20.9123

Protanopia

21.4255, 22.4966, 21.3022

Deuteranopia

22.8836, 22.4808, 20.9024



Tritanopia

23.3838, 22.4362, 26.0198

Trichromacy



Original Color

22.3072, 22.3744, 20.9123

Protanomaly

21.7827, 22.4843, 21.2810

Deuteranomaly

22.7051, 22.3888, 20.8941

Tritanomaly

22.9917, 22.4627, 24.2430

Monochromacy



Original Color

22.3072, 22.3744, 20.9123

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8051, 22.6485, 23.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3072, 22.3744, 20.9123 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, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 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(143, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.3072, 22.3744, 20.9123 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, 127, 120) }
```


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

```
.border{ border-color:rgb(143, 127, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3072, 22.3744, 20.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 120) }
```

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

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