

Converting Colors

XYZ(21.0413, 20.3406, 18.7170)

Have a look what the booklet for
XYZ(21.0413, 20.3406, 18.7170)
contains.

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Color

**XYZ(20.9618, 20.2482,
18.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7772
RGB	143, 119, 114
RGB Percent	56%, 47%, 45%
CMY	0.4392, 0.5333, 0.5529
CMYK	0.00, 0.17, 0.20, 0.44
HSL	10°, 11%, 50%
HSV	10°, 20%, 56%
XYZ	20.9618, 20.2482, 18.7231
YIQ	125.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

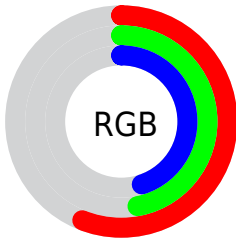
Format	Color
R_{YB}	143, 120, 114
Decimal	9402226
CIE _{Lab}	52.12, 8.48, 6.23
CIE _{LCh}	52, 10.521, 36.281
Yxy	20.2482, 0.3498, 0.3378
Android (android.graphics.Color)	4287592306 (0xFF8F7772)
YUV	125.6060, -5.7218, 15.2545
Hunter-Lab	44.9980, 4.4057, 6.8288

Details

The XYZ color **20.9618, 20.2482, 18.7231** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9857, 23.7370, 29.4624**, and the grayscale version is **19.7130, 20.7396, 22.5854**.

A 20% lighter version of the original color is **44.4718, 43.7493, 42.1769**, and **7.6502, 7.1751, 6.1360** is the 20% darker color. If you saturate the color by 10%, you get **18.8891, 17.3050, 14.3255**, and if you desaturate by 10%, it is **23.3383, 23.5949, 23.8503**.

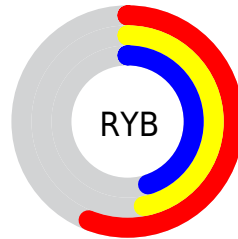
Distribution



Red (56%)

Green (47%)

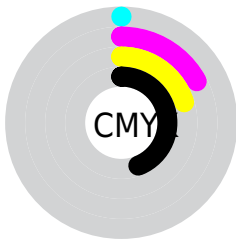
Blue (45%)



Red (56%)

Yellow (47%)

Blue (45%)

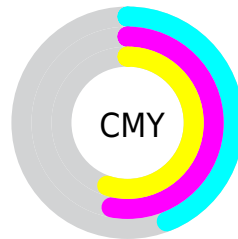


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9618, 20.2482, 18.7231 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 20.9618, 20.2482, 18.7231 by changing the saturation by 10% instead.

■ 20.9618, 20.2482,
18.7231

■ 20.9618, 20.2482,
18.7231

249.8110,
253.2556, 257.2874

■ 13.2084, 12.5756,
11.2956

■ 44.5157, 43.8329,
42.0961

■ 7.6502, 7.1370,
6.1493

■ 61.0469, 60.5138,
58.8787

■ 3.9218, 3.5479,
2.8659

■ 81.2347, 80.9663,
79.6167

■ 1.6580, 1.4240,
1.0266

■ 105.4446,
105.5747, 104.7288

■ 0.4298, 0.2343,
0.0000

134.0418,
134.7234, 134.6333

■ 0.0000, 0.0000,
0.0000

167.3917,

168.7969, 169.7489

205.8596,
208.1795, 210.4941

■ 20.9618, 20.2482,
18.7231

■ 20.9618, 20.2482,
18.7231

■ 18.8891, 17.3050,
14.3255

■ 23.3383, 23.5949,
23.8503

■ 17.1061, 14.7472,
10.6230

■ 26.0285, 27.3568,
29.7370

■ 15.6003, 12.5598,
7.5803

■ 29.0440, 31.5483,
36.4127

■ 14.3575, 10.7254,
5.1584

■ 32.3951, 36.1825,
43.9052

■ 13.3621, 9.2252,
3.3142

■ 36.0919, 41.2720,
52.2409

■ 12.5969, 8.0387,
1.9989

■ 40.1440, 46.8287,
61.4449

■ 12.0424, 7.1433,
1.1560

■ 44.5604, 52.8641,
71.5414

■ 11.6684, 6.5209,
0.6437

■ 49.3501, 59.3893,
82.5535

■ 54.5216, 66.4152,
94.5036

Harmonies

Analogous

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



21.3760, 20.2482, 21.4049



20.9618, 20.2482, 18.7231



20.0896, 20.2482, 17.0548

Triad

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



20.9618, 20.2482, 18.7231



17.4126, 20.2482, 19.7482



19.4726, 20.2482, 28.4767

Complementary

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



20.9618, 20.2482, 18.7231



20.9857, 23.7370, 29.4624

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.



18.4250, 20.2482, 27.9288



20.9618, 20.2482, 18.7231



17.2611, 20.2482, 22.7015

Square

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



20.9618, 20.2482, 18.7231



18.0468, 20.2482, 17.6069



17.6252, 20.2482, 25.7424



20.4958, 20.2482, 27.1767

Rectangle

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



20.9618, 20.2482, 18.7231



19.3798, 20.2482, 16.6468



17.6252, 20.2482, 25.7424



19.1114, 20.2482, 28.5041

Sweetspot

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



20.9624, 20.2491, 18.7235



43.7261, 44.9601, 46.9212



21.9448, 19.7144, 26.7569



9.9658, 10.2242, 10.6256



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.



20.9624, 20.2491, 18.7235



35.9053, 33.9473, 30.0447



22.7984, 23.9213, 19.3355



5.4794, 5.5652, 5.6748



10.3285, 5.7887, 0.5730



0.1101, 0.0780, 0.0093

Inverse Universe

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



20.9857, 23.7370, 29.4624



35.9529, 41.2733, 52.6097



19.0636, 19.8928, 28.8217



5.4822, 5.9602, 6.8903



10.1598, 13.3056, 25.0098



0.1106, 0.1542, 0.2436

Previews

White Background



This preview shows how the XYZ color 20.9618, 20.2482, 18.7231 looks on a white background.

Color Contrast Check

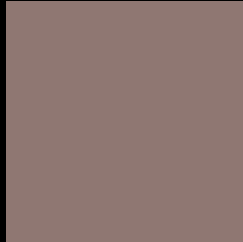
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9618, 20.2482, 18.7231 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 20.9618, 20.2482, 18.7231

Background



This preview shows how black text looks on a background with the XYZ color 20.9618, 20.2482, 18.7231.



This preview shows how white text looks on a background with the XYZ color 20.9618, 20.2482,

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

20.9618, 20.2482, 18.7231

Protanopia

19.3206, 20.2889, 19.7275

Deuteranopia

20.5690, 20.2233, 18.7390



Tritanopia

21.6288, 20.1582, 22.4896

Trichromacy



Original Color

20.9618, 20.2482, 18.7231

Protanomaly

19.7848, 20.1666, 19.3728

Deuteranomaly

20.7382, 20.3106, 18.7469

Tritanomaly

21.4929, 20.2913, 21.1962

Monochromacy



Original Color

20.9618, 20.2482, 18.7231

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1115, 20.4766, 21.3047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9618, 20.2482, 18.7231 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, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(143, 119, 114)  
}
```

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, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.9618, 20.2482, 18.7231 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, 119, 114) }
```


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

```
.border{ border-color:rgb(143, 119, 114) }
```

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

Here you see how a box with a 4 pixel rgb(143, 119, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(143, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9618, 20.2482, 18.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 119, 114) }
```

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

```
.background{ background-color: rgb(143,  
119, 114) }
```

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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