

Converting Colors

XYZ(22.3741, 22.8618, 9.1948)

Have a look what the booklet for
XYZ(22.3741, 22.8618, 9.1948)
contains.

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Color

**XYZ(22.3741, 22.8618,
9.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8047
RGB	155, 128, 71
RGB Percent	61%, 50%, 28%
CMY	0.3922, 0.4980, 0.7216
CMYK	0.00, 0.17, 0.54, 0.39
HSL	41°, 37%, 44%
HSV	41°, 54%, 61%
XYZ	22.3741, 22.8618, 9.1948
YIQ	129.5750, 34.3890, -12.0030

Conversions

Conversions Part 2

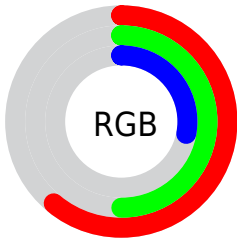
Format	Color
RYB	111, 155, 71
Decimal	10190919
CIELab	54.93, 2.99, 34.55
CIElCh	55, 34.677, 85.047
Yxy	22.8618, 0.4111, 0.4200
Android (android.graphics.Color)	4288380999 (0xFF9B8047)
YUV	129.5750, -28.8775, 22.2977
Hunter-Lab	47.8140, -0.1472, 22.0681




Details

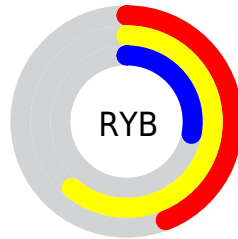
The XYZ color **22.3741, 22.8618, 9.1948** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.8826, 12.4412, 32.7328**, and the grayscale version is **21.1587, 22.2606, 24.2417**.




A 20% lighter version of the original color is **46.8390, 48.2771, 24.9389**, and **8.3277, 8.4246, 2.0513** is the 20% darker color. If you saturate the color by 10%, you get **21.3050, 21.4207, 6.6895**, and if you desaturate by 10%, it is **23.6031, 24.4196, 12.3799**.

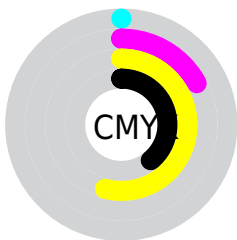
Distribution







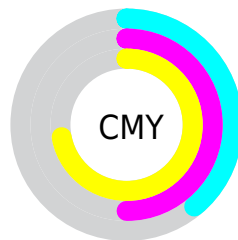
-  Red (61%)
-  Green (50%)
-  Blue (28%)






-  Red (44%)
-  Yellow (61%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (54%)
-  Black (39%)



-  Cyan (39%)
-  Magenta (50%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3741, 22.8618, 9.1948 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 22.3741, 22.8618, 9.1948 by changing the saturation by 10% instead.

■ 22.3741, 22.8618,
9.1948

■ 22.3741, 22.8618,
9.1948

257.0895,
267.0144, 195.0958

■ 14.2502, 14.4915,
4.7699

■ 46.8378, 48.1663,
24.8533

■ 8.3777, 8.4633,
2.0565

■ 63.9083, 65.8693,
36.9239

■ 4.3914, 4.3928,
0.5897

■ 84.6917, 87.4520,
52.3802

■ 1.9259, 1.8956,
0.0000

■ 109.5533,
113.2987, 71.6408

■ 0.5918, 0.5457,
0.0000

■ 138.8586,
143.7939, 95.1240

■ 0.0000, 0.0000,
0.0000

172.9728,

179.3220, 123.2486

212.2613,
220.2674, 156.4330

■ 22.3741, 22.8618,
9.1948

■ 22.3741, 22.8618,
9.1948

■ 21.3050, 21.4207,
6.6895

■ 23.6031, 24.4196,
12.3799

■ 20.3839, 20.0883,
4.8107

■ 24.9997, 26.0954,
16.2901

■ 19.5995, 18.8601,
3.4991

■ 26.5728, 27.8942,
20.9683

■ 18.9377, 17.7298,
2.6826

■ 28.3303, 29.8199,
26.4536

■ 18.5880, 17.1094,
2.3227

■ 30.2795, 31.8761,
32.7825

■ 32.4272, 34.0662,
39.9892

■ 34.7801, 36.3935,
48.1060

■ 37.3442, 38.8610,
57.1635

■ 40.1255, 41.4717,
67.1911

Harmonies

Analogous

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



26.2466, 22.8618, 11.2580



22.3741, 22.8618, 9.1948



18.7471, 22.8618, 10.2148

Triad

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



22.3741, 22.8618, 9.1948



15.6957, 22.8618, 34.9767



28.3704, 22.8618, 39.1015

Complementary

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



22.3741, 22.8618, 9.1948



12.8826, 12.4412, 32.7328

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.



25.0124, 22.8618, 49.4268



22.3741, 22.8618, 9.1948



17.7628, 22.8618, 46.5945

Square

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



22.3741, 22.8618, 9.1948



15.1643, 22.8618, 23.1088



21.0973, 22.8618, 52.5097



29.9594, 22.8618, 26.7660

Rectangle

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



22.3741, 22.8618, 9.1948



16.9057, 22.8618, 12.7288



21.0973, 22.8618, 52.5097



27.3932, 22.8618, 43.0510

Sweetspot

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



22.3746, 22.8629, 9.1953



50.0411, 52.6540, 45.1693



18.0231, 12.3762, 13.2436



11.1882, 11.7676, 9.7886



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.3746, 22.8629, 9.1953



37.7914, 37.8511, 11.1929



23.8433, 29.5604, 10.4106



6.5414, 6.8880, 6.5906



14.9654, 13.8132, 1.8775



0.2562, 0.2715, 0.0389

Inverse Universe

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



12.8826, 12.4412, 32.7328



19.0178, 17.2785, 57.8690



11.9162, 8.8046, 32.0818



6.0385, 6.3344, 7.8334



5.6933, 3.7833, 25.3379



0.1155, 0.1174, 0.3889

Previews

White Background



This preview shows how the XYZ color 22.3741, 22.8618, 9.1948 looks on a white background.

Color Contrast Check

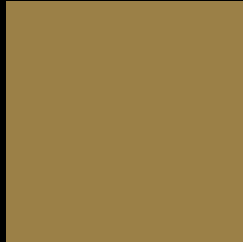
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3741, 22.8618, 9.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

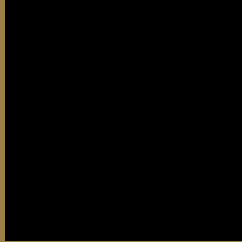
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3741, 22.8618, 9.1948

Background



This preview shows how black text looks on a background with the XYZ color 22.3741, 22.8618, 9.1948.



This preview shows how white text looks on a background with the XYZ color 22.3741, 22.8618,

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

22.3741, 22.8618, 9.1948

Protanopia

21.0980, 22.9902, 9.4564

Deuteranopia

23.3285, 22.9667, 9.3344



Tritanopia

25.3638, 22.7600, 24.1754

Trichromacy



Original Color

22.3741, 22.8618, 9.1948

Protanomaly

21.6804, 23.0900, 9.4450

Deuteranomaly

23.0571, 23.0176, 9.3585

Tritanomaly

24.0685, 22.7885, 17.5981

Monochromacy



Original Color

22.3741, 22.8618, 9.1948

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2580, 22.2936, 17.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3741, 22.8618, 9.1948 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(155, 128, 71)` looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 71)  
}
```

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(155, 128, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 71) }
```

Border

The CSS property to change the border of an element to XYZ 22.3741, 22.8618, 9.1948 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(155, 128, 71) }
```


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

```
.border{ border-color:rgb(155, 128, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 128, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 128, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 128, 71);  
box-shadow:4px 4px 4px 4px rgb(155, 128,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3741, 22.8618, 9.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 71) }
```

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

```
.background{ background-color: rgb(155,  
128, 71) }
```

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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