

Converting Colors

XYZ(22.4416, 17.3974, 7.3295)

Have a look what the booklet for
XYZ(22.4416, 17.3974, 7.3295)
contains.

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Color

**XYZ(22.4416, 17.3974,
7.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5E42
RGB	174, 94, 66
RGB Percent	68%, 37%, 26%
CMY	0.3176, 0.6314, 0.7412
CMYK	0.00, 0.46, 0.62, 0.32
HSL	16°, 45%, 47%
HSV	16°, 62%, 68%
XYZ	22.4416, 17.3974, 7.3295
YIQ	114.7280, 56.6680, 8.2520

Conversions

Conversions Part 2

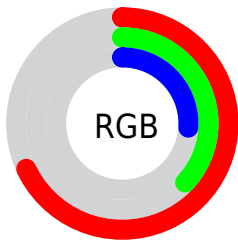
Format	Color
RYB	174, 104, 66
Decimal	11427394
CIELab	48.76, 29.91, 30.29
CIELCh	49, 42.571, 45.362
Yxy	17.3974, 0.4758, 0.3688
Android (android.graphics.Color)	4289617474 (0xFFAE5E42)
YUV	114.7280, -24.0229, 51.9815
Hunter-Lab	41.7102, 23.0467, 18.7784

Details

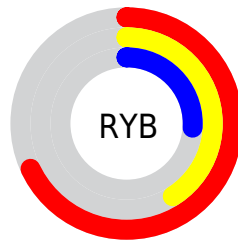
The XYZ color **22.4416, 17.3974, 7.3295** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.1649, 24.7706, 43.7625**, and the grayscale version is **16.2722, 17.1196, 18.6432**.

A 20% lighter version of the original color is **46.9777, 39.1192, 21.2944**, and **8.4579, 5.7938, 1.4316** is the 20% darker color. If you saturate the color by 10%, you get **20.9526, 15.1193, 4.6758**, and if you desaturate by 10%, it is **24.2789, 20.1225, 10.8694**.

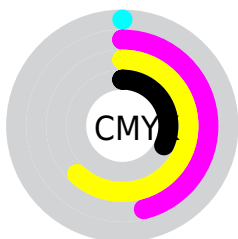
Distribution



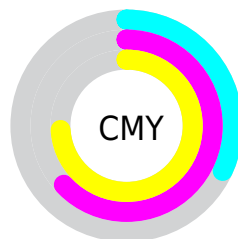
- Red (68%)
- Green (37%)
- Blue (26%)



- Red (68%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (46%)
- Yellow (62%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.4416, 17.3974, 7.3295 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 22.4416, 17.3974, 7.3295 by changing the saturation by 10% instead.


 22.4416, 17.3974,
7.3295


 22.4416, 17.3974,
7.3295


257.4331,
237.4522, 180.1077


 14.3002, 10.5182,
3.5875


 46.9482, 39.0078,
21.1571

 8.4128, 5.7439,
1.4019


 64.0441, 54.5078,
32.0798

 4.4142, 2.6900,
0.1432

 84.8556, 73.6502,
46.2331

 1.9390, 0.9721,
0.0000

 109.7479, 96.8194,
64.0355

 0.5994, 0.0000,
0.0000

 139.0864,
124.3998, 85.9057

 0.0000, 0.0000,
0.0000

 173.2366,

156.7758, 112.2620

212.5637,
194.3318, 143.5232

■ 22.4416, 17.3974,
7.3295

■ 22.4416, 17.3974,
7.3295

■ 20.9526, 15.1193,
4.6758

■ 24.2789, 20.1225,
10.8694

■ 19.7864, 13.2606,
2.8270

■ 26.4849, 23.3147,
15.3651

■ 18.9158, 11.7947,
1.6881

■ 29.0798, 26.9961,
20.8803

■ 18.3983, 10.8844,
1.1312

■ 32.0819, 31.1865,
27.4728

■ 35.5083, 35.9046,
35.1962

■ 39.3752, 41.1682,
44.1003

■ 43.6977, 46.9942,
54.2321

■ 48.4904, 53.3986,
65.6359

■ 53.7671, 60.3971,
78.3540

Harmonies

Analogous

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



24.9567, 17.3974, 13.7628



22.4416, 17.3974, 7.3295



18.5223, 17.3974, 4.7612

Triad

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



22.4416, 17.3974, 7.3295



10.2425, 17.3974, 13.9778



18.6221, 17.3974, 48.4598

Complementary

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



22.4416, 17.3974, 7.3295



20.1649, 24.7706, 43.7625

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.



14.6965, 17.3974, 48.5925



22.4416, 17.3974, 7.3295



10.2605, 17.3974, 25.2824

Square

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



22.4416, 17.3974, 7.3295



11.7153, 17.3974, 7.4329



11.7691, 17.3974, 38.9223



22.5246, 17.3974, 38.6099

Rectangle

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



22.4416, 17.3974, 7.3295



15.8387, 17.3974, 4.5230



11.7691, 17.3974, 38.9223



17.2529, 17.3974, 49.7417

Sweetspot

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



22.4420, 17.3983, 7.3298



59.8142, 58.8113, 53.4529



24.6702, 15.0017, 29.1991



12.9240, 12.5591, 11.0533



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.4420, 17.3983, 7.3298



37.2585, 26.2508, 7.2418



28.8725, 30.2594, 9.4733



8.1678, 8.3405, 8.3927



13.3866, 7.9786, 0.8345



0.4168, 0.3108, 0.0380

Inverse Universe

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



20.1649, 24.7706, 43.7625



32.6788, 40.5064, 78.7330



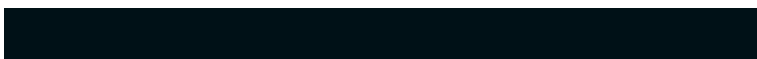
13.8012, 12.0431, 41.6413



8.0579, 8.7152, 10.2102



11.2737, 13.6813, 31.0911



0.3546, 0.4625, 0.8786

Previews

White Background



This preview shows how the XYZ color 22.4416, 17.3974, 7.3295 looks on a white background.

Color Contrast Check

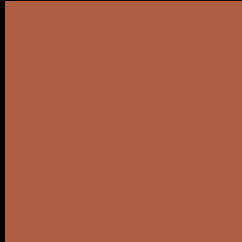
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.4416, 17.3974, 7.3295 looks on a black 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

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

XYZ 22.4416, 17.3974, 7.3295

Background



This preview shows how black text looks on a background with the XYZ color 22.4416, 17.3974, 7.3295.



This preview shows how white text looks on a background with the XYZ color 22.4416, 17.3974,

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

22.4416, 17.3974, 7.3295

Protanopia

16.2338, 17.4972, 9.0003

Deuteranopia

17.7370, 17.4785, 7.1415



Tritanopia

23.6720, 17.3870, 13.1747

Trichromacy



Original Color

22.4416, 17.3974, 7.3295

Protanomaly

18.0015, 17.1093, 8.3149

Deuteranomaly

19.3034, 17.3433, 7.1807

Tritanomaly

23.0600, 17.2520, 10.7089

Monochromacy



Original Color

22.4416, 17.3974, 7.3295

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.5687, 16.6127, 13.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4416, 17.3974, 7.3295 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(174, 94, 66)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 66)  
}
```

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(174, 94, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 66) }
```

Border

The CSS property to change the border of an element to XYZ 22.4416, 17.3974, 7.3295 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(174, 94, 66) }
```


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

```
.border{ border-color:rgb(174, 94, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 94, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 66);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4416, 17.3974, 7.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 66) }
```

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

```
.background{ background-color: rgb(174, 94,  
66) }
```

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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