

Converting Colors

XYZ(26.0060, 22.0807, 9.5740)

Have a look what the booklet for
XYZ(26.0060, 22.0807, 9.5740)
contains.

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Color

**XYZ(25.9975, 22.0216,
9.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	B4714B
RGB	180, 113, 75
RGB Percent	71%, 44%, 29%
CMY	0.2941, 0.5568, 0.7059
CMYK	0.00, 0.37, 0.58, 0.29
HSL	22°, 41%, 50%
HSV	22°, 58%, 71%
XYZ	25.9975, 22.0216, 9.5370
YIQ	128.7010, 52.1300, 2.3860

Conversions

Conversions Part 2

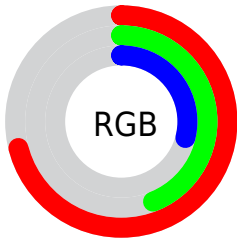
Format	Color
R_{YB}	180, 135, 75
Decimal	11825483
CIE _{Lab}	54.05, 22.63, 31.96
CIE _{LCh}	54, 39.154, 54.700
Yxy	22.0216, 0.4517, 0.3826
Android (android.graphics.Color)	4290015563 (0xFFB4714B)
YUV	128.7010, -26.4746, 44.9892
Hunter-Lab	46.9272, 16.7658, 20.7995

Details

The XYZ color **25.9975, 22.0216, 9.5370** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.8122, 24.1358, 46.7414**, and the grayscale version is **20.8391, 21.9243, 23.8756**.

A 20% lighter version of the original color is **52.7534, 46.7417, 25.6437**, and **10.2235, 7.9665, 2.1612** is the 20% darker color. If you saturate the color by 10%, you get **24.2652, 19.4074, 6.3382**, and if you desaturate by 10%, it is **28.0673, 25.0321, 13.7086**.

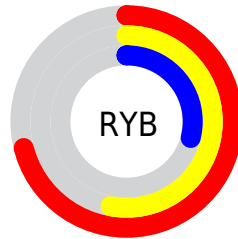
Distribution



Red (71%)

Green (44%)

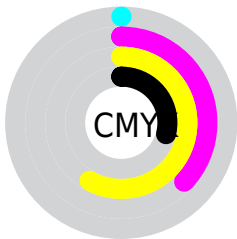
Blue (29%)



Red (71%)

Yellow (53%)

Blue (29%)

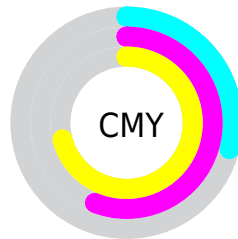


Cyan (0%)

Magenta (37%)

Yellow (58%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9975, 22.0216, 9.5370 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 25.9975, 22.0216, 9.5370 by changing the saturation by 10% instead.


 25.9975, 22.0216,
9.5370


 25.9975, 22.0216,
9.5370


275.0267,
262.6591, 197.6981


 16.9544, 13.8728,
4.9915


 52.7022, 46.7817,
25.5150

 10.2971, 8.0322,
2.1836


 71.0946, 64.1618,
37.7845


 5.6602, 4.1156,
0.6649

 93.3342, 85.3877,
53.4659

 2.6782, 1.7384,
0.0000

 119.7863,
110.8439, 72.9775

 0.9860, 0.4484,
0.0000

 150.8162,
140.9147, 96.7380

 0.0000, 0.0000,
0.0000

186.7893,

175.9846, 125.1659

228.0711,
216.4379, 158.6798

■ 25.9975, 22.0216,
9.5370

■ 25.9975, 22.0216,
9.5370

■ 24.2652, 19.4074,
6.3382

■ 28.0673, 25.0321,
13.7086

■ 22.8477, 17.1681,
4.0291

■ 30.4922, 28.4523,
18.9240

■ 21.7213, 15.2848,
2.5150

■ 33.2902, 32.2990,
25.2490

■ 20.8498, 13.7320,
1.6378

■ 36.4774, 36.5871,
32.7437

■ 20.7212, 13.5012,
1.5139

■ 40.0693, 41.3307,
41.4635

■ 44.0800, 46.5431,
51.4607

■ 48.5233, 52.2371,
62.7842

■ 53.4122, 58.4250,
75.4804

■ 58.7589, 65.1188,
89.5936

Harmonies

Analogous

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



29.2342, 22.0216, 15.4936



25.9975, 22.0216, 9.5370



21.6920, 22.0216, 7.4466

Triad

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



25.9975, 22.0216, 9.5370



13.8249, 22.0216, 21.8877



24.5211, 22.0216, 52.0165

Complementary

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



25.9975, 22.0216, 9.5370



20.8122, 24.1358, 46.7414

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.



20.1877, 22.0216, 55.4999



25.9975, 22.0216, 9.5370



14.3705, 22.0216, 35.1022

Square

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



25.9975, 22.0216, 9.5370



14.9639, 22.0216, 12.8691



16.5694, 22.0216, 48.4897



28.3045, 22.0216, 40.1353

Rectangle

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



25.9975, 22.0216, 9.5370



18.9318, 22.0216, 7.7551



16.5694, 22.0216, 48.4897



23.0659, 22.0216, 54.3468

Sweetspot

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



25.9980, 22.0227, 9.5374



66.7856, 67.1977, 60.9132



26.3153, 16.7263, 27.9276



14.1737, 14.1760, 12.5413



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.9980, 22.0227, 9.5374



43.2052, 33.9585, 10.1349



33.4125, 36.8516, 12.0089



8.7398, 8.9921, 8.9275



14.5211, 9.5408, 1.0762



0.5135, 0.4134, 0.0527

Inverse Universe

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



20.8122, 24.1358, 46.7414



32.8522, 38.0138, 83.9005



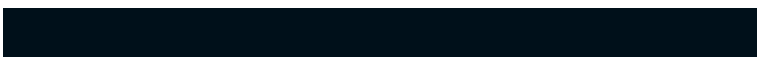
14.8597, 12.2308, 44.7573



8.4788, 9.1038, 10.8167



10.0821, 10.9646, 31.7220



0.3702, 0.4510, 1.0158

Previews

White Background



This preview shows how the XYZ color 25.9975, 22.0216, 9.5370 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 25.9975, 22.0216, 9.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

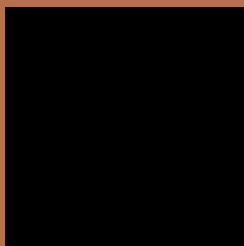
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9975, 22.0216, 9.5370

Background



This preview shows how black text looks on a background with the XYZ color 25.9975, 22.0216, 9.5370.



This preview shows how white text looks on a background with the XYZ color 25.9975, 22.0216,

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

25.9975, 22.0216, 9.5370

Protanopia

20.4523, 22.2221, 10.9959

Deuteranopia

22.5108, 22.1654, 9.3952



Tritanopia

28.0434, 22.0534, 19.3017

Trichromacy



Original Color

25.9975, 22.0216, 9.5370

Protanomaly

22.1365, 21.9484, 10.4669

Deuteranomaly

23.6784, 22.0343, 9.4836

Tritanomaly

27.2163, 22.0365, 15.1309

Monochromacy



Original Color

25.9975, 22.0216, 9.5370

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0560, 21.5659, 17.4682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9975, 22.0216, 9.5370 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(180, 113, 75)` looks like.

```
.text, #text, p{  
    color:rgb(180, 113, 75)  
}
```

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(180, 113, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 113, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.9975, 22.0216, 9.5370 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(180, 113, 75) }
```


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

```
.border{ border-color:rgb(180, 113, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 113, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 113, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 113, 75);  
box-shadow:4px 4px 4px 4px rgb(180, 113,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9975, 22.0216, 9.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 113, 75) }
```

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

```
.background{ background-color: rgb(180,  
113, 75) }
```

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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