

Converting Colors

XYZ(25.6722, 22.4900, 3.6974)

Have a look what the booklet for
XYZ(25.6722, 22.4900, 3.6974)
contains.

XYZ(25.6722, 22.4900, 3.6974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.6722, 22.4900,
3.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	B67415
RGB	182, 116, 21
RGB Percent	71%, 45%, 8%
CMY	0.2863, 0.5451, 0.9176
CMYK	0.00, 0.36, 0.88, 0.29
HSL	35°, 79%, 40%
HSV	35°, 88%, 71%
XYZ	25.6722, 22.4900, 3.6974
YIQ	124.9040, 69.8310, -15.5530

Conversions

Conversions Part 2

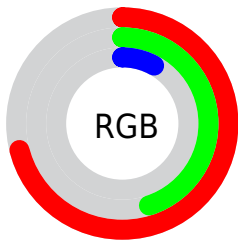
Format	Color
R_{YB}	133, 182, 21
Decimal	11957269
CIE _{Lab}	54.54, 19.14, 56.86
CIE _{LCh}	55, 59.996, 71.396
Yxy	22.4900, 0.4950, 0.4337
Android (android.graphics.Color)	4290147349 (0xFFB67415)
YUV	124.9040, -51.2247, 50.0732
Hunter-Lab	47.4236, 13.6375, 28.5740

Details

The XYZ color **25.6722, 22.4900, 3.6974** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.1609, 10.3531, 45.6132**, and the grayscale version is **19.6119, 20.6332, 22.4696**.

A 20% lighter version of the original color is **52.2693, 47.5818, 13.2668**, and **10.3793, 8.4193, 1.0780** is the 20% darker color. If you saturate the color by 10%, you get **24.7269, 20.7916, 2.7905**, and if you desaturate by 10%, it is **26.8018, 24.3746, 5.2294**.

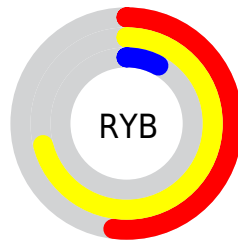
Distribution



Red (71%)

Green (45%)

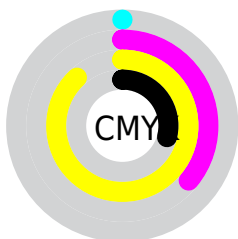
Blue (8%)



Red (52%)

Yellow (71%)

Blue (8%)

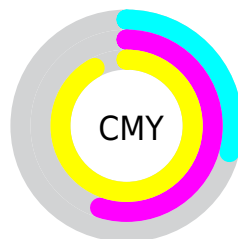


Cyan (0%)

Magenta (36%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6722, 22.4900, 3.6974 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 25.6722, 22.4900, 3.6974 by changing the saturation by 10% instead.

■ 25.6722, 22.4900,
3.6974

■ 25.6722, 22.4900,
3.6974

273.4555,
265.0946, 144.8001

■ 16.7100, 14.2174,
1.4609

■ 52.1807, 47.5545,
13.3056

■ 10.1219, 8.2720,
0.1885

■ 70.4577, 65.1152,
21.5144

■ 5.5428, 4.2695,
0.0000

■ 92.5704, 86.5408,
32.5510

■ 2.6071, 1.8254,
0.0000

■ 118.8840,
112.2155, 46.8339

■ 0.9496, 0.5029,
0.0000

■ 149.7640,
142.5239, 64.7818

■ 0.0000, 0.0000,
0.0000

■ 185.5756,

177.8503, 86.8131

226.6844,
218.5790, 113.3463

25.6722, 22.4900,
3.6974

25.6722, 22.4900,
3.6974

24.7269, 20.7916,
2.7905

26.8018, 24.3746,
5.2294

24.5903, 20.5430,
2.6691

28.1463, 26.4572,
7.5473

29.7261, 28.7494,
10.7480

31.5582, 31.2603,
14.9142

33.6578, 33.9982,
20.1188

■ 36.0387, 36.9709,
26.4277

■ 38.7135, 40.1856,
33.9012

■ 41.6942, 43.6492,
42.5953

■ 44.9919, 47.3681,
52.5623

Harmonies

Analogous

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



32.3423, 22.4900, 7.4915



25.6722, 22.4900, 3.6974



18.9721, 22.4900, 3.3730

Triad

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



25.6722, 22.4900, 3.6974



11.2167, 22.4900, 32.3686



30.8824, 22.4900, 62.9719

Complementary

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



25.6722, 22.4900, 3.6974



12.1609, 10.3531, 45.6132

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.



23.9750, 22.4900, 79.9578



25.6722, 22.4900, 3.6974



13.2198, 22.4900, 57.1168

Square

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



25.6722, 22.4900, 3.6974



11.4867, 22.4900, 14.6509



17.5881, 22.4900, 77.3906



35.7505, 22.4900, 37.9633

Rectangle

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



25.6722, 22.4900, 3.6974



15.4387, 22.4900, 4.7518



17.5881, 22.4900, 77.3906



28.6686, 22.4900, 70.2723

Sweetspot

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



25.6727, 22.4912, 3.6978



65.7997, 67.5924, 49.1744



21.3246, 11.1875, 10.2866



14.1922, 14.5105, 9.9357



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.6727, 22.4912, 3.6978



44.3442, 36.7685, 4.7598



33.1362, 41.8989, 7.0505



9.4331, 9.8692, 9.5147



17.4321, 14.6406, 1.9072



0.6738, 0.6347, 0.0870

Inverse Universe

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



12.1609, 10.3531, 45.6132



19.6023, 14.7118, 82.0422



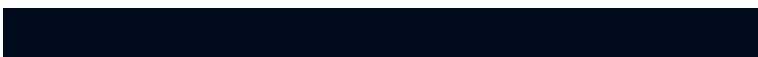
9.3854, 4.2612, 44.5836



8.8153, 9.3079, 11.4114



7.7827, 6.0251, 32.0058



0.3357, 0.3350, 1.1487

Previews

White Background



This preview shows how the XYZ color 25.6722, 22.4900, 3.6974 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 25.6722, 22.4900, 3.6974 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 25.6722, 22.4900, 3.6974

Background



This preview shows how black text looks on a background with the XYZ color 25.6722, 22.4900, 3.6974.



This preview shows how white text looks on a background with the XYZ color 25.6722, 22.4900,

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

25.6722, 22.4900, 3.6974

Protanopia

20.3244, 22.5058, 4.1926

Deuteranopia

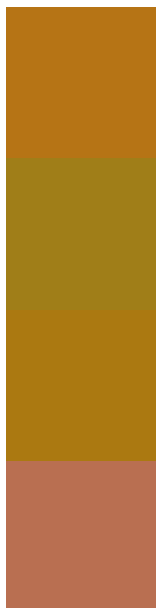
22.8040, 22.4463, 3.5461



Tritanopia

29.0085, 22.5509, 19.3468

Trichromacy



Original Color

25.6722, 22.4900, 3.6974

Protanomaly

22.1229, 22.4612, 4.0336

Deuteranomaly

23.7331, 22.3731, 3.5979

Tritanomaly

27.1772, 22.2772, 10.6521

Monochromacy



Original Color

25.6722, 22.4900, 3.6974

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.5339, 20.7182, 11.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6722, 22.4900, 3.6974 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(182, 116, 21)` looks like.

```
.text, #text, p{  
    color:rgb(182, 116, 21)  
}
```

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(182, 116, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 116, 21) }
```

Border

The CSS property to change the border of an element to XYZ 25.6722, 22.4900, 3.6974 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(182, 116, 21) }
```


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

```
.border{ border-color:rgb(182, 116, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 116, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 116, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 116, 21);  
box-shadow:4px 4px 4px 4px rgb(182, 116,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6722, 22.4900, 3.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 116, 21) }
```

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

```
.background{ background-color: rgb(182,  
116, 21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor