

Converting Colors

XYZ(25.1082, 21.2151, 7.9328)

Have a look what the booklet for
XYZ(25.1082, 21.2151, 7.9328)
contains.

XYZ(25.0279, 21.2272, 7.9324)	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(25.0279, 21.2272,
7.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	B26F42
RGB	178, 111, 66
RGB Percent	70%, 44%, 26%
CMY	0.3020, 0.5647, 0.7412
CMYK	0.00, 0.38, 0.63, 0.30
HSL	24°, 46%, 48%
HSV	24°, 63%, 70%
XYZ	25.0279, 21.2272, 7.9324
YIQ	125.9030, 54.3770, 0.2090

Conversions

Conversions Part 2

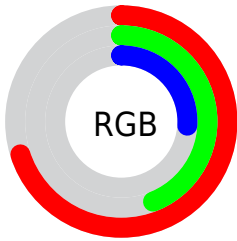
Format	Color
R_{YB}	178, 141, 66
Decimal	11693890
CIE Lab	53.20, 22.21, 35.78
CIE LCh	53, 42.111, 58.162
Yxy	21.2272, 0.4619, 0.3917
Android (android.graphics.Color)	4289883970 (0xFFB26F42)
YUV	125.9030, -29.5322, 45.6891
Hunter-Lab	46.0730, 16.3376, 22.0431

Details

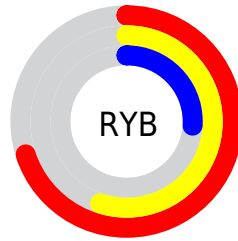
The XYZ color **25.0279, 21.2272, 7.9324** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.6696, 21.1465, 45.2169**, and the grayscale version is **19.8830, 20.9185, 22.7802**.

A 20% lighter version of the original color is **51.1168, 45.4367, 22.2957**, and **9.7889, 7.6705, 1.6264** is the 20% darker color. If you saturate the color by 10%, you get **23.4892, 18.8631, 5.2211**, and if you desaturate by 10%, it is **26.8694, 23.9358, 11.5507**.

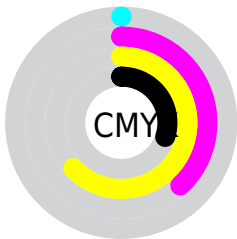
Distribution



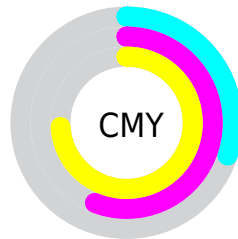
- Red (70%)
- Green (44%)
- Blue (26%)



- Red (70%)
- Yellow (55%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0279, 21.2272, 7.9324 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 25.0279, 21.2272, 7.9324 by changing the saturation by 10% instead.

■ 25.0279, 21.2272,
7.9324

■ 25.0279, 21.2272,
7.9324

270.3219,
258.4835, 185.1156

■ 16.2267, 13.2902,
3.9646

■ 51.1450, 45.4654,
22.3698

■ 9.7766, 7.6287,
1.6059

■ 69.1917, 62.5353,
33.6764

■ 5.3122, 3.8583,
0.2950

■ 91.0509, 83.4183,
48.2664

■ 2.4682, 1.5946,
0.0000

■ 117.0879,
108.4988, 66.5583

■ 0.8793, 0.3540,
0.0000

■ 147.6682,
138.1611, 88.9706

■ 0.0000, 0.0000,
0.0000

183.1570,

172.7898, 115.9219

223.9198,
212.7691, 147.8307

■ 25.0279, 21.2272,
7.9324

■ 25.0279, 21.2272,
7.9324

■ 23.4892, 18.8631,
5.2211

■ 26.8694, 23.9358,
11.5507

■ 22.2313, 16.8243,
3.3310

■ 29.0305, 27.0004,
16.1485

■ 21.2306, 15.0940,
2.1619

■ 31.5285, 30.4357,
21.7923

■ 20.6468, 14.0384,
1.6215

■ 34.3787, 34.2546,
28.5425

■ 37.5954, 38.4693,
36.4547

■ 41.1921, 43.0915,
45.5808

■ 45.1817, 48.1322,
55.9695

■ 49.5762, 53.6021,
67.6668

■ 54.3873, 59.5114,
80.7165

Harmonies

Analogous

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



28.6865, 21.2272, 13.3792



25.0279, 21.2272, 7.9324



20.4511, 21.2272, 6.2661

Triad

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



25.0279, 21.2272, 7.9324



12.7831, 21.2272, 22.3367



24.4838, 21.2272, 52.1004

Complementary

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



25.0279, 21.2272, 7.9324



18.6696, 21.1465, 45.2169

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.



19.9030, 21.2272, 57.2190



25.0279, 21.2272, 7.9324



13.5407, 21.2272, 36.6950

Square

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



25.0279, 21.2272, 7.9324



13.7519, 21.2272, 12.4569



15.9952, 21.2272, 50.7626



28.3414, 21.2272, 38.5765

Rectangle

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



25.0279, 21.2272, 7.9324



17.6276, 21.2272, 6.7853



15.9952, 21.2272, 50.7626



22.9585, 21.2272, 55.0389

Sweetspot

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



25.0284, 21.2283, 7.9328



64.3614, 64.7805, 56.6663



24.5558, 15.0605, 23.8757



13.9051, 13.8852, 11.6919



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.



25.0284, 21.2283, 7.9328



41.5335, 32.5113, 7.7883



33.1255, 37.4224, 10.6318



8.7673, 9.0471, 8.9367



14.8313, 10.1612, 1.1796



0.5246, 0.4355, 0.0564

Inverse Universe

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



18.6696, 21.1465, 45.2169



28.9635, 32.2153, 81.0728



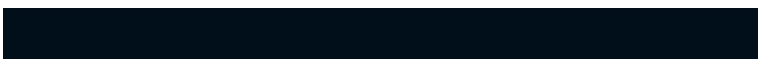
12.9507, 9.7086, 43.3106



8.4505, 9.0471, 10.8072



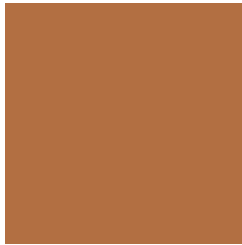
9.5355, 9.8714, 31.5398



0.3553, 0.4212, 1.0108

Previews

White Background



This preview shows how the XYZ color 25.0279, 21.2272, 7.9324 looks on a white background.

Color Contrast Check

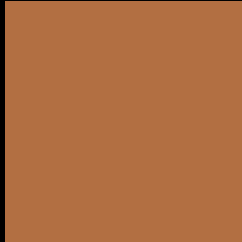
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0279, 21.2272, 7.9324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

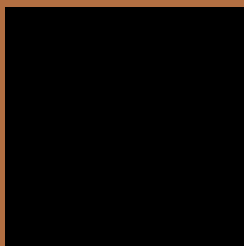
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0279, 21.2272, 7.9324

Background



This preview shows how black text looks on a background with the XYZ color 25.0279, 21.2272, 7.9324.



This preview shows how white text looks on a background with the XYZ color 25.0279, 21.2272,

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

25.0279, 21.2272, 7.9324

Protanopia

19.7041, 21.4817, 9.2388

Deuteranopia

21.6674, 21.2130, 7.8030



Tritanopia

27.0883, 21.1192, 18.2715

Trichromacy



Original Color

25.0279, 21.2272, 7.9324

Protanomaly

21.3915, 21.2313, 8.7649

Deuteranomaly

22.8325, 21.1036, 7.8710

Tritanomaly

26.1914, 21.0632, 13.7515

Monochromacy



Original Color

25.0279, 21.2272, 7.9324

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.0131, 20.6940, 15.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0279, 21.2272, 7.9324 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(178, 111, 66)` looks like.

```
.text, #text, p{  
    color:rgb(178, 111, 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(178, 111, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 111, 66) }
```

Border

The CSS property to change the border of an element to XYZ 25.0279, 21.2272, 7.9324 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(178, 111, 66) }
```


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

```
.border{ border-color:rgb(178, 111, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 111, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 111, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 111, 66);  
box-shadow:4px 4px 4px 4px rgb(178, 111,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0279, 21.2272, 7.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 111, 66) }
```

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

```
.background{ background-color: rgb(178,  
111, 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](#).

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