

Converting Colors

XYZ(24.1323, 20.9971, 7.6348)

Have a look what the booklet for
XYZ(24.1323, 20.9971, 7.6348)
contains.

XYZ(24.1751, 20.9572, 7.6215)	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(24.1751, 20.9572,
7.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7040
RGB	174, 112, 64
RGB Percent	68%, 44%, 25%
CMY	0.3177, 0.5608, 0.7490
CMYK	0.00, 0.36, 0.63, 0.32
HSL	26°, 46%, 47%
HSV	26°, 63%, 68%
XYZ	24.1751, 20.9572, 7.6215
YIQ	125.0660, 52.3600, -1.7840

Conversions

Conversions Part 2

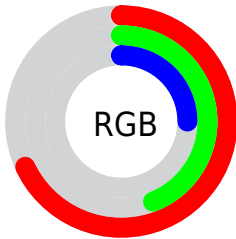
Format	Color
RYB	174, 149, 64
Decimal	11432000
CIELab	52.90, 19.80, 36.37
CIElCh	53, 41.414, 61.435
Yxy	20.9572, 0.4583, 0.3973
Android (android.graphics.Color)	4289622080 (0xFFAE7040)
YUV	125.0660, -30.1055, 42.9151
Hunter-Lab	45.7790, 14.1494, 22.1745

Details

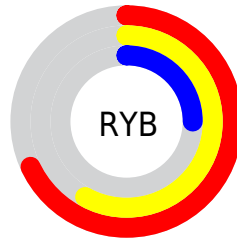
The XYZ color **24.1751, 20.9572, 7.6215** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.2147, 19.0666, 42.8169**, and the grayscale version is **19.6016, 20.6224, 22.4578**.

A 20% lighter version of the original color is **49.8604, 45.0668, 21.6936**, and **9.2707, 7.4892, 1.4872** is the 20% darker color. If you saturate the color by 10%, you get **22.7314, 18.7425, 5.0670**, and if you desaturate by 10%, it is **25.8921, 23.4716, 11.0296**.

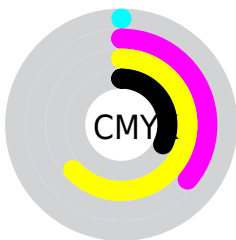
Distribution



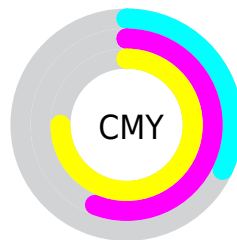
- Red (68%)
- Green (44%)
- Blue (25%)



- Red (68%)
- Yellow (58%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (63%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1751, 20.9572, 7.6215 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 24.1751, 20.9572, 7.6215 by changing the saturation by 10% instead.

■ 24.1751, 20.9572,
7.6215

■ 24.1751, 20.9572,
7.6215

266.1286,
257.0510, 182.5547

■ 15.5890, 13.0927,
3.7694

■ 49.7684, 45.0163,
21.7468

■ 9.3228, 7.4924,
1.4997

■ 67.5063, 61.9797,
32.8571

■ 5.0111, 3.7719,
0.2177

■ 89.0255, 82.7449,
47.2240

■ 2.2886, 1.5468,
0.0000

■ 114.6914,
107.6962, 65.2659

■ 0.7888, 0.3213,
0.0000

■ 144.8692,
137.2181, 87.4013

■ 0.0000, 0.0000,
0.0000

■ 179.9245,

171.6949, 114.0489

220.2225,
211.5110, 145.6272

■ 24.1751, 20.9572,
7.6215

■ 24.1751, 20.9572,
7.6215

■ 22.7314, 18.7425,
5.0670

■ 25.8921, 23.4716,
11.0296

■ 21.5409, 16.8107,
3.2850

■ 27.8976, 26.2948,
15.3597

■ 20.5822, 15.1480,
2.1806

■ 30.2071, 29.4395,
20.6748

■ 20.0353, 14.1584,
1.6769

■ 32.8346, 32.9164,
27.0317

■ 35.7929, 36.7359,
34.4830

■ 39.0942, 40.9077,
43.0775

■ 42.7501, 45.4412,
52.8614

■ 46.7715, 50.3453,
63.8781

■ 51.1688, 55.6286,
76.1687

Harmonies

Analogous

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



27.9085, 20.9572, 12.4983



24.1751, 20.9572, 7.6215



19.7112, 20.9572, 6.3101

Triad

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



24.1751, 20.9572, 7.6215



12.6962, 20.9572, 23.4218



24.5888, 20.9572, 49.8379

Complementary

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



24.1751, 20.9572, 7.6215



17.2147, 19.0666, 42.8169

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.



20.1286, 20.9572, 55.9560



24.1751, 20.9572, 7.6215



13.6217, 20.9572, 37.6651

Square

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



24.1751, 20.9572, 7.6215



13.4604, 20.9572, 13.2043



16.1946, 20.9572, 50.8509



28.1706, 20.9572, 36.2374

Rectangle

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



24.1751, 20.9572, 7.6215



17.0265, 20.9572, 7.0336



16.1946, 20.9572, 50.8509



23.1223, 20.9572, 53.0208

Sweetspot

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



24.1756, 20.9583, 7.6219



61.5694, 62.3219, 54.0380



23.0763, 14.1805, 21.3726



13.3589, 13.4289, 11.1983



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.



24.1756, 20.9583, 7.6219



40.2878, 32.4897, 7.6957



32.1385, 36.8840, 10.2762



8.2820, 8.5688, 8.4308



14.5889, 10.3833, 1.2353



0.4609, 0.3990, 0.0527

Inverse Universe

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



17.2147, 19.0666, 42.8169



26.5808, 28.6926, 76.7741



12.0290, 8.6952, 41.0883



7.9393, 8.4779, 10.1707



8.7735, 8.6809, 30.2577



0.2972, 0.3478, 0.8595

Previews

White Background



This preview shows how the XYZ color 24.1751, 20.9572, 7.6215 looks on a white background.

Color Contrast Check

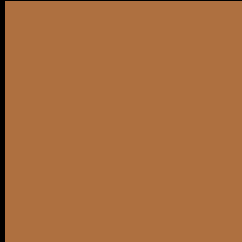
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1751, 20.9572, 7.6215 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 24.1751, 20.9572, 7.6215

Background



This preview shows how black text looks on a background with the XYZ color 24.1751, 20.9572, 7.6215.



This preview shows how white text looks on a background with the XYZ color 24.1751, 20.9572,

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

24.1751, 20.9572, 7.6215

Protanopia

19.3110, 21.0974, 8.6846

Deuteranopia

21.4172, 21.0905, 7.4995



Tritanopia

26.3228, 20.8701, 18.5606

Trichromacy



Original Color

24.1751, 20.9572, 7.6215

Protanomaly

20.9215, 20.9997, 8.2609

Deuteranomaly

22.4799, 21.1023, 7.5910

Tritanomaly

25.3784, 20.7998, 13.7435

Monochromacy



Original Color

24.1751, 20.9572, 7.6215

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4923, 20.2519, 15.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1751, 20.9572, 7.6215 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, 112, 64)` looks like.

```
.text, #text, p{  
    color:rgb(174, 112, 64)  
}
```

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, 112, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 112, 64) }
```

Border

The CSS property to change the border of an element to XYZ 24.1751, 20.9572, 7.6215 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, 112, 64) }
```


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

```
.border{ border-color:rgb(174, 112, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 112, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 112, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 112, 64);  
box-shadow:4px 4px 4px 4px rgb(174, 112,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1751, 20.9572, 7.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 112, 64) }
```

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

```
.background{ background-color: rgb(174,  
112, 64) }
```

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