

Converting Colors

XYZ(25.3049, 23.3371, 8.7046)

Have a look what the booklet for
XYZ(25.3049, 23.3371, 8.7046)
contains.

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Color

**XYZ(25.2365, 23.2207,
8.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7A44
RGB	173, 122, 68
RGB Percent	68%, 48%, 27%
CMY	0.3216, 0.5215, 0.7333
CMYK	0.00, 0.29, 0.61, 0.32
HSL	31°, 44%, 47%
HSV	31°, 61%, 68%
XYZ	25.2365, 23.2207, 8.6208
YIQ	131.0930, 47.7300, -5.9820

Conversions

Conversions Part 2

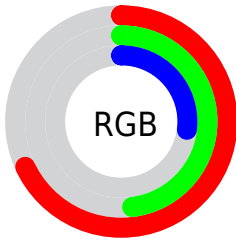
Format	Color
R_{YB}	167, 173, 68
Decimal	11369028
CIE _{Lab}	55.30, 14.04, 37.05
CIE _{LCh}	55, 39.621, 69.241
Yxy	23.2207, 0.4421, 0.4068
Android (android.graphics.Color)	4289559108 (0xFFAD7A44)
YUV	131.0930, -31.1048, 36.7524
Hunter-Lab	48.1879, 9.1536, 23.1245

Details

The XYZ color **25.2365, 23.2207, 8.6208** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.5232, 17.4389, 42.0301**, and the grayscale version is **21.7029, 22.8332, 24.8653**.

A 20% lighter version of the original color is **51.3611, 48.5690, 23.8073**, and **9.8540, 8.6011, 1.8503** is the 20% darker color. If you saturate the color by 10%, you get **23.7971, 21.0658, 5.9095**, and if you desaturate by 10%, it is **26.9221, 25.6186, 12.1832**.

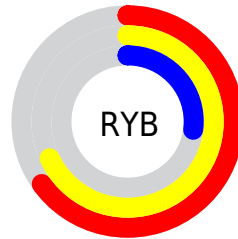
Distribution



Red (68%)

Green (48%)

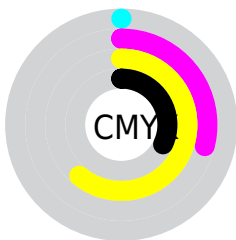
Blue (27%)



Red (65%)

Yellow (68%)

Blue (27%)

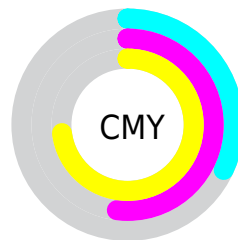


Cyan (0%)

Magenta (29%)

Yellow (61%)

Black (32%)



Cyan (32%)

Magenta (52%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2365, 23.2207, 8.6208 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 25.2365, 23.2207, 8.6208 by changing the saturation by 10% instead.

■ 25.2365, 23.2207,
8.6208

■ 25.2365, 23.2207,
8.6208

271.3396,
268.8565, 190.6361

■ 16.3830, 14.7566,
4.4013

■ 51.4808, 48.7555,
23.7327

■ 9.8882, 8.6487,
1.8480

■ 69.6023, 66.5949,
35.4622

■ 5.3866, 4.5128,
0.4593

■ 91.5438, 88.3282,
50.5320

■ 2.5129, 1.9643,
0.0000

■ 117.6707,
114.3397, 69.3608

■ 0.9018, 0.5866,
0.0000

■ 148.3484,
145.0139, 92.3671

■ 0.0000, 0.0000,
0.0000

183.9423,

180.7352, 119.9693

224.8175,
221.8879, 152.5861

■ 25.2365, 23.2207,
8.6208

■ 25.2365, 23.2207,
8.6208

■ 23.7971, 21.0658,
5.9095

■ 26.9221, 25.6186,
12.1832

■ 22.5857, 19.1404,
3.9726

■ 28.8667, 28.2655,
16.6617

■ 21.5839, 17.4341,
2.7217

■ 31.0843, 31.1711,
22.1163

■ 20.8040, 16.0254,
1.9967

■ 33.5870, 34.3435,
28.6015

■ 36.3863, 37.7905,
36.1678

■ 39.4929, 41.5194,
44.8623

■ 42.9170, 45.5372,
54.7294

■ 46.6682, 49.8506,
65.8109

■ 50.7557, 54.4662,
78.1467

Harmonies

Analogous

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



29.3640, 23.2207, 12.7572



25.2365, 23.2207, 8.6208



20.7279, 23.2207, 8.0158

Triad

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



25.2365, 23.2207, 8.6208



14.6718, 23.2207, 29.4161



27.9229, 23.2207, 49.3373

Complementary

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



25.2365, 23.2207, 8.6208



16.5232, 17.4389, 42.0301

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.



23.4700, 23.2207, 57.9038



25.2365, 23.2207, 8.6208



16.0975, 23.2207, 44.1158

Square

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



25.2365, 23.2207, 8.6208



15.0121, 23.2207, 17.5706



19.1812, 23.2207, 55.7255



31.0536, 23.2207, 34.9759

Rectangle

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



25.2365, 23.2207, 8.6208



18.1578, 23.2207, 9.3884



19.1812, 23.2207, 55.7255



26.5086, 23.2207, 53.1772

Sweetspot

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



25.2370, 23.2219, 8.6212



61.2966, 62.9311, 54.2680



22.7213, 14.3869, 19.5084



13.0265, 13.3095, 11.0102



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.2370, 23.2219, 8.6212



41.7970, 36.4461, 9.1888



33.2204, 39.1885, 11.2824



8.3331, 8.6710, 8.4478



15.3412, 11.8880, 1.4860



0.4813, 0.4398, 0.0595

Inverse Universe

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



16.5232, 17.4389, 42.0301



24.8076, 25.1817, 74.3588



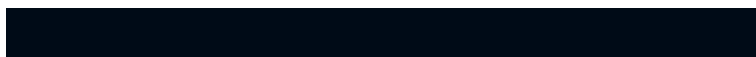
11.9940, 8.3806, 40.5203



7.8879, 8.3752, 10.1535



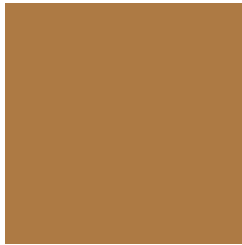
7.9284, 6.9907, 29.9760



0.2755, 0.3044, 0.8522

Previews

White Background



This preview shows how the XYZ color 25.2365, 23.2207, 8.6208 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 25.2365, 23.2207, 8.6208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

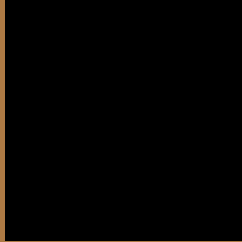
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2365, 23.2207, 8.6208

Background



This preview shows how black text looks on a background with the XYZ color 25.2365, 23.2207, 8.6208.



This preview shows how white text looks on a background with the XYZ color 25.2365, 23.2207,

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

25.2365, 23.2207, 8.6208

Protanopia

21.4113, 23.3539, 9.5102

Deuteranopia

23.5782, 23.1135, 8.5288



Tritanopia

27.9003, 23.0638, 22.0500

Trichromacy



Original Color

25.2365, 23.2207, 8.6208

Protanomaly

22.6979, 23.2234, 9.2475

Deuteranomaly

24.2831, 23.2880, 8.5254

Tritanomaly

26.8816, 23.1864, 16.1553

Monochromacy



Original Color

25.2365, 23.2207, 8.6208

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2800, 22.6320, 17.3815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2365, 23.2207, 8.6208 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(173, 122, 68)` looks like.

```
.text, #text, p{  
    color:rgb(173, 122, 68)  
}
```

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(173, 122, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 122, 68) }
```

Border

The CSS property to change the border of an element to XYZ 25.2365, 23.2207, 8.6208 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(173, 122, 68) }
```


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

```
.border{ border-color:rgb(173, 122, 68) }
```

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

Here you see how a box with a 4 pixel rgb(173, 122, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 122, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 122, 68);  
box-shadow:4px 4px 4px 4px rgb(173, 122,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2365, 23.2207, 8.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 122, 68) }
```

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

```
.background{ background-color: rgb(173,  
122, 68) }
```

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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