

Converting Colors

XYZ(25.7309, 22.0607, 9.3719)

Have a look what the booklet for
XYZ(25.7309, 22.0607, 9.3719)
contains.

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Color

**XYZ(25.8438, 22.1127,
9.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	B3724A
RGB	179, 114, 74
RGB Percent	70%, 45%, 29%
CMY	0.2980, 0.5529, 0.7098
CMYK	0.00, 0.36, 0.59, 0.30
HSL	23°, 42%, 50%
HSV	23°, 59%, 70%
XYZ	25.8438, 22.1127, 9.3846
YIQ	128.8750, 51.5800, 1.3400

Conversions

Conversions Part 2

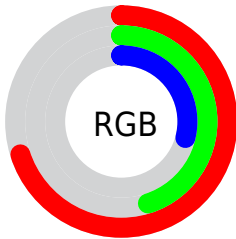
Format	Color
R_{YB}	179, 139, 74
Decimal	11760202
CIE _{Lab}	54.15, 21.57, 32.60
CIE _{LCh}	54, 39.087, 56.508
Yxy	22.1127, 0.4507, 0.3856
Android (android.graphics.Color)	4289950282 (0xFFB3724A)
YUV	128.8750, -27.0534, 43.9596
Hunter-Lab	47.0241, 15.8088, 21.0844

Details

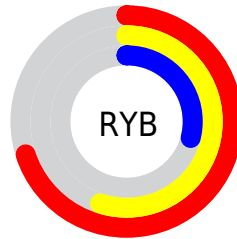
The XYZ color **25.8438, 22.1127, 9.3846** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.1929, 23.1748, 46.0568**, and the grayscale version is **20.9020, 21.9905, 23.9477**.

A 20% lighter version of the original color is **52.5342, 46.9048, 25.3535**, and **10.1259, 8.0020, 2.1095** is the 20% darker color. If you saturate the color by 10%, you get **24.1494, 19.5557, 6.2562**, and if you desaturate by 10%, it is **27.8622, 25.0434, 13.4679**.

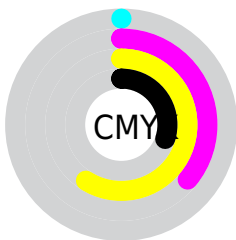
Distribution



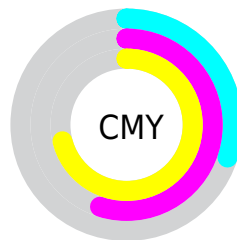
- Red (70%)
- Green (45%)
- Blue (29%)



- Red (70%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (59%)
- Black (30%)



- Cyan (30%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8438, 22.1127, 9.3846 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 25.8438, 22.1127, 9.3846 by changing the saturation by 10% instead.

■ 25.8438, 22.1127,
9.3846

■ 25.8438, 22.1127,
9.3846

274.2852,
263.1343, 196.5441

■ 16.8389, 13.9397,
4.8927

■ 52.4559, 46.9322,
25.2208

■ 10.2143, 8.0788,
2.1268

■ 70.7939, 64.3475,
37.4022

■ 5.6046, 4.1454,
0.6316

■ 92.9736, 85.6124,
52.9838

■ 2.6445, 1.7552,
0.0000

■ 119.3603,
111.1113, 72.3842

■ 0.9687, 0.4590,
0.0000

■ 150.3195,
141.2285, 96.0219

■ 0.0000, 0.0000,
0.0000

186.2165,

176.3485, 124.3154

227.4166,
216.8556, 157.6833

■ 25.8438, 22.1127,
9.3846

■ 25.8438, 22.1127,
9.3846

■ 24.1494, 19.5557,
6.2562

■ 27.8622, 25.0434,
13.4679

■ 22.7572, 17.3523,
4.0007

■ 30.2215, 28.3601,
18.5763

■ 21.6443, 15.4851,
2.5241

■ 32.9390, 32.0782,
24.7747

■ 20.7740, 13.9298,
1.6628

■ 36.0303, 36.2117,
32.1223

■ 20.6695, 13.7418,
1.5630

■ 39.5099, 40.7733,
40.6739

■ 43.3918, 45.7757,
50.4808

■ 47.6889, 51.2305,
61.5914

■ 52.4137, 57.1493,
74.0513

■ 57.5780, 63.5429,
87.9043

Harmonies

Analogous

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



29.1879, 22.1127, 15.0885



25.8438, 22.1127, 9.3846



21.5178, 22.1127, 7.4845

Triad

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



25.8438, 22.1127, 9.3846



13.8862, 22.1127, 22.6831



24.8695, 22.1127, 51.5907

Complementary

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



25.8438, 22.1127, 9.3846



20.1929, 23.1748, 46.0568

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.



20.5250, 22.1127, 55.7023



25.8438, 22.1127, 9.3846



14.5346, 22.1127, 36.0713

Square

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



25.8438, 22.1127, 9.3846



14.9263, 22.1127, 13.3561



16.8328, 22.1127, 49.2637



28.5744, 22.1127, 39.3923

Rectangle

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



25.8438, 22.1127, 9.3846



18.7853, 22.1127, 7.9142



16.8328, 22.1127, 49.2637



23.4198, 22.1127, 54.1102

Sweetspot

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



25.8443, 22.1138, 9.3850



64.7381, 65.1305, 58.0358



25.8099, 16.3897, 26.8081



13.9716, 13.9374, 11.9634



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.



25.8443, 22.1138, 9.3850



42.5721, 33.9690, 10.0437



33.2817, 36.9885, 11.8641



8.7529, 9.0183, 8.9319



14.6647, 9.8279, 1.1241



0.5188, 0.4240, 0.0545

Inverse Universe

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



20.1929, 23.1748, 46.0568



31.4762, 35.9278, 81.6570



14.4506, 11.6902, 44.1427



8.4653, 9.0767, 10.8121



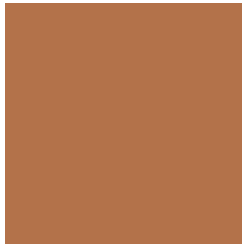
9.8158, 10.4319, 31.6332



0.3630, 0.4366, 1.0134

Previews

White Background



This preview shows how the XYZ color 25.8438, 22.1127, 9.3846 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 25.8438, 22.1127, 9.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

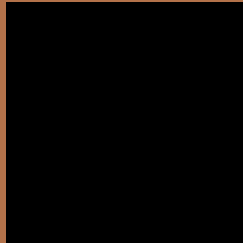
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8438, 22.1127, 9.3846

Background



This preview shows how black text looks on a background with the XYZ color 25.8438, 22.1127, 9.3846.



This preview shows how white text looks on a background with the XYZ color 25.8438, 22.1127,

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

25.8438, 22.1127, 9.3846

Protanopia

20.5859, 22.2952, 10.8078

Deuteranopia

22.6754, 22.2541, 9.2312



Tritanopia

27.9709, 22.1667, 19.6340

Trichromacy



Original Color

25.8438, 22.1127, 9.3846

Protanomaly

22.1004, 21.9339, 10.2766

Deuteranomaly

23.6450, 22.0210, 9.3076

Tritanomaly

27.0895, 22.1322, 15.1561

Monochromacy



Original Color

25.8438, 22.1127, 9.3846

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0006, 21.7225, 17.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8438, 22.1127, 9.3846 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(179, 114, 74)` looks like.

```
.text, #text, p{  
    color:rgb(179, 114, 74)  
}
```

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(179, 114, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 114, 74) }
```

Border

The CSS property to change the border of an element to XYZ 25.8438, 22.1127, 9.3846 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(179, 114, 74) }
```


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

```
.border{ border-color:rgb(179, 114, 74) }
```

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

Here you see how a box with a 4 pixel rgb(179, 114, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 114, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 114, 74);  
box-shadow:4px 4px 4px 4px rgb(179, 114,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8438, 22.1127, 9.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 114, 74) }
```

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

```
.background{ background-color: rgb(179,  
114, 74) }
```

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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