

Converting Colors

XYZ(25.8777, 22.1263, 9.5635)

Have a look what the booklet for
XYZ(25.8777, 22.1263, 9.5635)
contains.

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Color

**XYZ(25.8777, 22.1263,
9.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	B3724B
RGB	179, 114, 75
RGB Percent	70%, 45%, 29%
CMY	0.2980, 0.5529, 0.7059
CMYK	0.00, 0.36, 0.58, 0.30
HSL	23°, 41%, 50%
HSV	23°, 58%, 70%
XYZ	25.8777, 22.1263, 9.5635
YIQ	128.9890, 51.2590, 1.6510

Conversions

Conversions Part 2

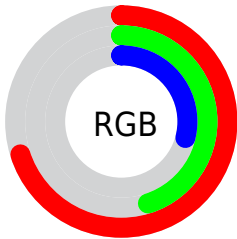
Format	Color
R_{YB}	179, 137, 75
Decimal	11760203
CIE _{Lab}	54.16, 21.65, 32.06
CIE _{LCh}	54, 38.688, 55.975
Yxy	22.1263, 0.4495, 0.3844
Android (android.graphics.Color)	4289950283 (0xFFB3724B)
YUV	128.9890, -26.6166, 43.8596
Hunter-Lab	47.0386, 15.8820, 20.8727

Details

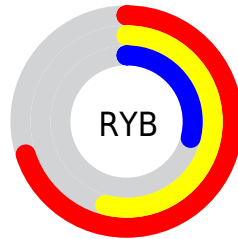
The XYZ color **25.8777, 22.1263, 9.5635** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.4159, 23.5055, 46.1086**, and the grayscale version is **20.9406, 22.0311, 23.9919**.

A 20% lighter version of the original color is **52.5978, 46.9302, 25.6883**, and **10.2804, 8.0803, 2.1802** is the 20% darker color. If you saturate the color by 10%, you get **24.1635, 19.5444, 6.3831**, and if you desaturate by 10%, it is **27.9196, 25.0880, 13.7039**.

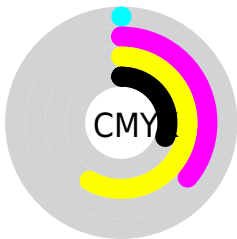
Distribution



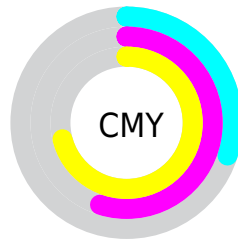
- Red (70%)
- Green (45%)
- Blue (29%)



- Red (70%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (30%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8777, 22.1263, 9.5635 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 25.8777, 22.1263, 9.5635 by changing the saturation by 10% instead.


 25.8777, 22.1263,
9.5635


 25.8777, 22.1263,
9.5635


274.4489,
263.2051, 197.8979


 16.8644, 13.9497,
5.0087


 52.5103, 46.9547,
25.5660


 10.2325, 8.0857,
2.1935


 70.8603, 64.3752,
37.8509

 5.6169, 4.1498,
0.6706

 93.0532, 85.6459,
53.5495

 2.6520, 1.7577,
0.0000

 119.4543,
111.1512, 73.0804

 0.9725, 0.4606,
0.0000

 150.4291,
141.2753, 96.8622

 0.0000, 0.0000,
0.0000

186.3429,

176.4027, 125.3133

227.5611,
216.9179, 158.8524

■ 25.8777, 22.1263,
9.5635

■ 25.8777, 22.1263,
9.5635

■ 24.1635, 19.5444,
6.3831

■ 27.9196, 25.0880,
13.7039

■ 22.7552, 17.3221,
4.0812

■ 30.3062, 28.4421,
18.8741

■ 21.6298, 15.4416,
2.5647

■ 33.0547, 32.2043,
25.1388

■ 20.7530, 13.8792,
1.6828

■ 36.1810, 36.3888,
32.5567

■ 20.6053, 13.6137,
1.5417

■ 39.6997, 41.0086,
41.1827

■ 43.6247, 46.0764,
51.0679

■ 47.9691, 51.6043,
62.2606

■ 52.7455, 57.6040,
74.8063

■ 57.9657, 64.0865,
88.7486

Harmonies

Analogous

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



29.1527, 22.1263, 15.3198



25.8777, 22.1263, 9.5635



21.6021, 22.1263, 7.6076

Triad

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



25.8777, 22.1263, 9.5635



13.9629, 22.1263, 22.5053



24.7671, 22.1263, 51.4193

Complementary

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



25.8777, 22.1263, 9.5635



20.4159, 23.5055, 46.1086

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.



20.4689, 22.1263, 55.2885



25.8777, 22.1263, 9.5635



14.5770, 22.1263, 35.6999

Square

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



25.8777, 22.1263, 9.5635



15.0253, 22.1263, 13.3341



16.8297, 22.1263, 48.7761



28.4540, 22.1263, 39.4790

Rectangle

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



25.8777, 22.1263, 9.5635



18.8864, 22.1263, 8.0017



16.8297, 22.1263, 48.7761



23.3308, 22.1263, 53.8474

Sweetspot

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



25.8782, 22.1274, 9.5639



65.2851, 65.8146, 59.4819



25.9043, 16.5351, 26.9737



14.2041, 14.2367, 12.5514



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.



25.8782, 22.1274, 9.5639



42.4423, 33.7094, 10.0005



33.3395, 37.0500, 12.0510



8.7488, 9.0101, 8.9305



14.6189, 9.7364, 1.1088



0.5171, 0.4207, 0.0539

Inverse Universe

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



20.4159, 23.5055, 46.1086



31.6582, 36.2919, 81.7176



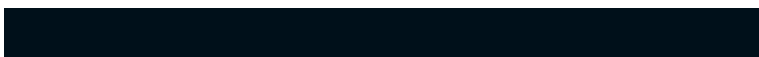
14.5998, 11.8733, 44.1699



8.4695, 9.0852, 10.8136



9.8979, 10.5962, 31.6606



0.3653, 0.4411, 1.0141

Previews

White Background



This preview shows how the XYZ color 25.8777, 22.1263, 9.5635 looks on a white background.

Color Contrast Check

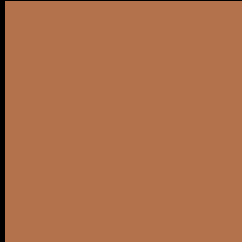
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8777, 22.1263, 9.5635 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 25.8777, 22.1263, 9.5635

Background



This preview shows how black text looks on a background with the XYZ color 25.8777, 22.1263, 9.5635.



This preview shows how white text looks on a background with the XYZ color 25.8777, 22.1263,

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

25.8777, 22.1263, 9.5635

Protanopia

20.6232, 22.3101, 11.0039

Deuteranopia

22.7083, 22.2673, 9.4045



Tritanopia

27.9709, 22.1667, 19.6340

Trichromacy



Original Color

25.8777, 22.1263, 9.5635

Protanomaly

22.1365, 21.9484, 10.4669

Deuteranomaly

23.6784, 22.0343, 9.4836

Tritanomaly

27.1388, 22.1519, 15.4158

Monochromacy



Original Color

25.8777, 22.1263, 9.5635

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 25.8777, 22.1263, 9.5635 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(179, 114, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 114, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.8777, 22.1263, 9.5635 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, 75) }
```


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

```
.border{ border-color:rgb(179, 114, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 114, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 114, 75);  
box-shadow:4px 4px 4px 4px rgb(179, 114,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8777, 22.1263, 9.5635 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, 75) }
```

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

```
.background{ background-color: rgb(179,  
114, 75) }
```

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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