

Converting Colors

XYZ(24.1968, 20.1294, 9.2775)

Have a look what the booklet for
XYZ(24.1968, 20.1294, 9.2775)
contains.

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Color

**XYZ(24.2069, 20.1373,
9.2677)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6B4B
RGB	175, 107, 75
RGB Percent	69%, 42%, 29%
CMY	0.3137, 0.5804, 0.7059
CMYK	0.00, 0.39, 0.57, 0.31
HSL	19°, 40%, 49%
HSV	19°, 57%, 69%
XYZ	24.2069, 20.1373, 9.2677
YIQ	123.6840, 50.8000, 4.4640

Conversions

Conversions Part 2

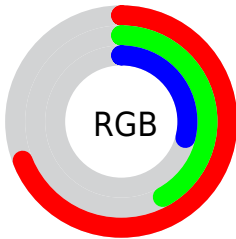
Format	Color
R_{YB}	175, 122, 75
Decimal	11496267
CIE Lab	51.99, 23.87, 29.25
CIE LCh	52, 37.752, 50.789
Yxy	20.1373, 0.4515, 0.3756
Android (android.graphics.Color)	4289686347 (0xFFAF6B4B)
YUV	123.6840, -24.0012, 45.0041
Hunter-Lab	44.8746, 17.7585, 19.1674

Details

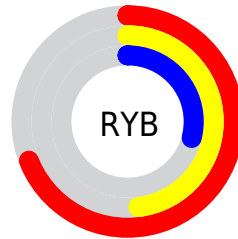
The XYZ color **24.2069, 20.1373, 9.2677** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.4615, 24.2349, 44.1567**, and the grayscale version is **19.1189, 20.1146, 21.9048**.

A 20% lighter version of the original color is **49.9679, 43.7439, 24.8786**, and **9.4061, 7.1436, 2.1114** is the 20% darker color. If you saturate the color by 10%, you get **22.5320, 17.6178, 6.1498**, and if you desaturate by 10%, it is **26.2183, 23.0663, 13.3109**.

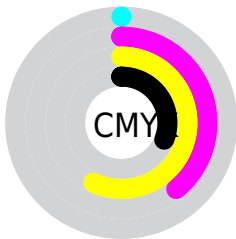
Distribution



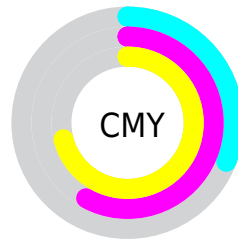
- Red (69%)
- Green (42%)
- Blue (29%)



- Red (69%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (57%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2069, 20.1373, 9.2677 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 24.2069, 20.1373, 9.2677 by changing the saturation by 10% instead.


 24.2069, 20.1373,
9.2677


 24.2069, 20.1373,
9.2677


266.2859,
252.6574, 195.6536


 15.6127, 12.4949,
4.8170


 49.8198, 43.6473,
24.9946


 9.3396, 7.0817,
2.0834


 67.5693, 60.2836,
37.1079

 5.0223, 3.5132,
0.6059

 89.1013, 80.6867,
52.6125

 2.2952, 1.4052,
0.0000

 114.7811,
105.2409, 71.9269

 0.7922, 0.2205,
0.0000

 144.9741,
134.3308, 95.4697

 0.0000, 0.0000,
0.0000

180.0457,

168.3405, 123.6593

220.3612,
207.6546, 156.9145

■ 24.2069, 20.1373,
9.2677

■ 24.2069, 20.1373,
9.2677

■ 22.5320, 17.6178,
6.1498

■ 26.2183, 23.0663,
13.3109

■ 21.1712, 15.4852,
3.8807

■ 28.5836, 26.4196,
18.3452

■ 20.1017, 13.7194,
2.3733

■ 31.3206, 30.2151,
24.4317

■ 19.2915, 12.2949,
1.5000

■ 34.4453, 34.4687,
31.6263

■ 19.0936, 11.9429,
1.2989

■ 37.9729, 39.1955,
39.9806

■ 41.9177, 44.4097,
49.5433

■ 46.2932, 50.1252,
60.3602

■ 51.1124, 56.3549,
72.4745

■ 56.3875, 63.1117,
85.9276

Harmonies

Analogous

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



26.9210, 20.1373, 15.2341



24.2069, 20.1373, 9.2677



20.3484, 20.1373, 6.9588

Triad

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



24.2069, 20.1373, 9.2677



12.7278, 20.1373, 18.7072



21.8870, 20.1373, 48.2908

Complementary

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



24.2069, 20.1373, 9.2677



20.4615, 24.2349, 44.1567

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.



17.9802, 20.1373, 50.1874



24.2069, 20.1373, 9.2677



13.0243, 20.1373, 30.3368

Square

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



24.2069, 20.1373, 9.2677



13.9618, 20.1373, 11.0760



14.8344, 20.1373, 42.7755



25.4620, 20.1373, 38.2288

Rectangle

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



24.2069, 20.1373, 9.2677



17.7884, 20.1373, 7.0060



14.8344, 20.1373, 42.7755



20.5582, 20.1373, 50.0116

Sweetspot

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



24.2074, 20.1383, 9.2681



61.6002, 61.6105, 56.4308



25.1786, 16.1396, 27.9075



13.4360, 13.3483, 11.9478



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.



24.2074, 20.1383, 9.2681



39.5528, 30.3160, 9.6201



30.9499, 33.6233, 11.5156



8.2067, 8.4182, 8.4057



13.7237, 8.6530, 0.9469



0.4319, 0.3410, 0.0431

Inverse Universe

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



20.4615, 24.2349, 44.1567



32.0989, 38.2371, 78.3256



14.5834, 12.4786, 42.1973



8.0169, 8.6332, 10.1965



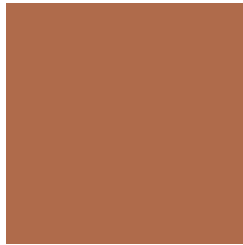
10.3223, 11.7784, 30.7739



0.3337, 0.4207, 0.8716

Previews

White Background



This preview shows how the XYZ color 24.2069, 20.1373, 9.2677 looks on a white background.

Color Contrast Check

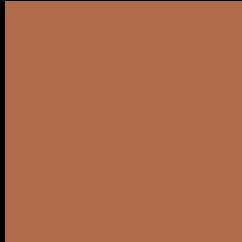
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2069, 20.1373, 9.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

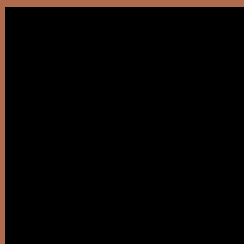
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2069, 20.1373, 9.2677

Background



This preview shows how black text looks on a background with the XYZ color 24.2069, 20.1373, 9.2677.



This preview shows how white text looks on a background with the XYZ color 24.2069, 20.1373,

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

24.2069, 20.1373, 9.2677

Protanopia

18.7223, 20.1754, 10.8901

Deuteranopia

20.5619, 20.2540, 9.1290



Tritanopia

25.6973, 19.9756, 17.2531

Trichromacy



Original Color

24.2069, 20.1373, 9.2677

Protanomaly

20.4674, 20.0054, 10.1798

Deuteranomaly

21.8640, 20.2295, 9.2309

Tritanomaly

25.0125, 19.9938, 13.8501

Monochromacy



Original Color

24.2069, 20.1373, 9.2677

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.4076, 19.8371, 16.3890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2069, 20.1373, 9.2677 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(175, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(175, 107, 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(175, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 107, 75) }
```

Border

The CSS property to change the border of an element to XYZ 24.2069, 20.1373, 9.2677 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(175, 107, 75) }
```


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

```
.border{ border-color:rgb(175, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(175, 107,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2069, 20.1373, 9.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 107, 75) }
```

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

```
.background{ background-color: rgb(175,  
107, 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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