

Converting Colors

XYZ(24.0939, 20.8999, 13.1275)

Have a look what the booklet for
XYZ(24.0939, 20.8999, 13.1275)
contains.

| | |
|--|----|
| XYZ(24.0294, 20.9254, 13.1284) | 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(24.0294, 20.9254,
13.1284)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A8715D |
| RGB | 168, 113, 93 |
| RGB Percent | 66%, 44%, 36% |
| CMY | 0.3412, 0.5568, 0.6353 |
| CMYK | 0.00, 0.33, 0.45, 0.34 |
| HSL | 16°, 30%, 51% |
| HSV | 16°, 45%, 66% |
| XYZ | 24.0294, 20.9254, 13.1284 |
| YIQ | 127.1650, 39.2000, 5.4400 |

Conversions

Conversions Part 2

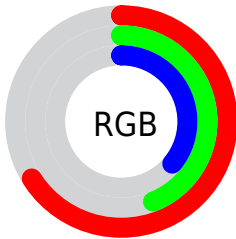
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 168, 120, 93 |
| Decimal | 11039069 |
| CIELab | 52.87, 19.31, 19.93 |
| CIElCh | 53, 27.755, 45.901 |
| Yxy | 20.9254, 0.4137, 0.3603 |
| Android (android.graphics.Color) | 4289229149 (0xFFA8715D) |
| YUV | 127.1650, -16.8433, 35.8123 |
| Hunter-Lab | 45.7443, 13.7133, 15.0050 |

Details

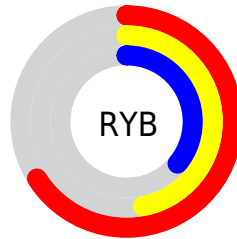
The XYZ color **24.0294, 20.9254, 13.1284** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1715, 26.3331, 40.9601**, and the grayscale version is **20.2766, 21.3326, 23.2312**.

A 20% lighter version of the original color is **49.4644, 44.9010, 32.0463**, and **9.2134, 7.4965, 3.6507** is the 20% darker color. If you saturate the color by 10%, you get **22.0832, 18.0958, 9.2031**, and if you desaturate by 10%, it is **26.3268, 24.1956, 17.9777**.

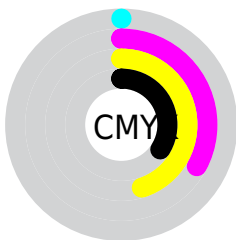
Distribution



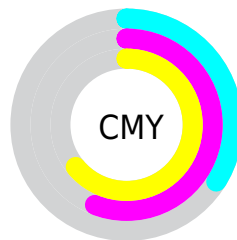
- Red (66%)
- Green (44%)
- Blue (36%)



- Red (66%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (45%)
- Black (34%)





- Cyan (34%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0294, 20.9254, 13.1284 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 24.0294, 20.9254, 13.1284 by changing the saturation by 10% instead.

 24.0294, 20.9254,
13.1284


 24.0294, 20.9254,
13.1284


265.4068,
256.8818, 222.9756


 15.4803, 13.0695,
7.3853


 49.5325, 44.9633,
32.2288


 9.2457, 7.4764,
3.6221


 67.2172, 61.9142,
46.4232

 4.9601, 3.7618,
1.4204

 88.6778, 82.6654,
64.2717

 2.2584, 1.5412,
0.1576

 114.2796,
107.6015, 86.1929

 0.7733, 0.3175,
0.0000

144.3881,
137.1067, 112.6054

 0.0000, 0.0000,
0.0000

179.3686,

171.5656, 143.9276

219.5863,
211.3625, 180.5782

■ 24.0294, 20.9254,
13.1284

■ 24.0294, 20.9254,
13.1284

■ 22.0832, 18.0958,
9.2031

■ 26.3268, 24.1956,
17.9777

■ 20.4682, 15.6845,
6.1410

■ 28.9906, 27.9214,
23.8040

■ 19.1649, 13.6717,
3.8761

■ 32.0371, 32.1207,
30.6575

■ 18.1508, 12.0347,
2.3319

■ 35.4811, 36.8098,
38.5849

■ 17.3996, 10.7481,
1.4160

■ 39.3367, 42.0038,
47.6297

■ 17.0796, 10.1870,
1.0661

■ 43.6170, 47.7174,
57.8333

■ 48.3347, 53.9647,
69.2348

■ 53.5021, 60.7592,
81.8714

■ 59.1307, 68.1139,
95.7788

Harmonies

Analogous

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



25.7513, 20.9254, 18.6810



24.0294, 20.9254, 13.1284



21.2791, 20.9254, 10.5356

Triad

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



24.0294, 20.9254, 13.1284



14.9540, 20.9254, 19.1096



21.4570, 20.9254, 41.8637

Complementary

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



24.0294, 20.9254, 13.1284



22.1715, 26.3331, 40.9601

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.



18.5607, 20.9254, 42.0592



24.0294, 20.9254, 13.1284



14.9915, 20.9254, 27.4481

Square

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



24.0294, 20.9254, 13.1284



16.1455, 20.9254, 13.3760



16.2538, 20.9254, 36.2923



24.1705, 20.9254, 35.8097

Rectangle

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



24.0294, 20.9254, 13.1284



19.3209, 20.9254, 10.3002



16.2538, 20.9254, 36.2923



20.4681, 20.9254, 42.6588

Sweetspot

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



24.0299, 20.9264, 13.1288



58.9692, 59.4279, 57.5324



25.4082, 18.2918, 30.2086



12.5782, 12.5769, 11.9142



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.0299, 20.9264, 13.1288



39.9610, 32.6723, 16.4808



29.1107, 31.0879, 14.8224



7.6878, 7.8557, 7.9004



12.9350, 7.7672, 0.8175



0.3558, 0.2711, 0.0336

Inverse Universe

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



22.1715, 26.3331, 40.9601



36.1013, 43.7347, 73.7640



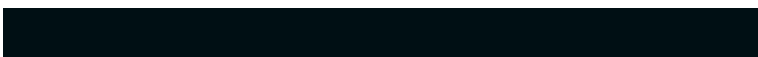
17.2123, 16.4146, 39.3070



7.5758, 8.1885, 9.5996



10.7478, 12.9558, 29.9097



0.3001, 0.3924, 0.7406

Previews

White Background



This preview shows how the XYZ color 24.0294, 20.9254, 13.1284 looks on a white background.

Color Contrast Check

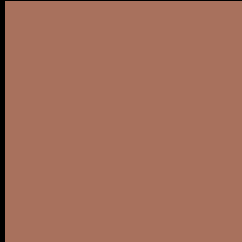
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0294, 20.9254, 13.1284 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 24.0294, 20.9254, 13.1284

Background



This preview shows how black text looks on a background with the XYZ color 24.0294, 20.9254, 13.1284.



This preview shows how white text looks on a background with the XYZ color 24.0294, 20.9254,

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

24.0294, 20.9254, 13.1284

Protanopia

19.7047, 20.9735, 14.8141

Deuteranopia

21.3034, 20.9141, 12.8115



Tritanopia

25.4235, 21.0059, 19.8541

Trichromacy



Original Color

24.0294, 20.9254, 13.1284

Protanomaly

21.0277, 20.7409, 14.2044

Deuteranomaly

22.3148, 20.8977, 12.9827

Tritanomaly

24.8069, 20.9080, 17.1962

Monochromacy



Original Color

24.0294, 20.9254, 13.1284

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2094, 20.9077, 19.1374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0294, 20.9254, 13.1284 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(168, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(168, 113, 93)  
}
```

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(168, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 113, 93) }
```

Border

The CSS property to change the border of an element to XYZ 24.0294, 20.9254, 13.1284 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(168, 113, 93) }
```


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

```
.border{ border-color:rgb(168, 113, 93) }
```

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

Here you see how a box with a 4 pixel rgb(168, 113, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(168, 113,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0294, 20.9254, 13.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 113, 93) }
```

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

```
.background{ background-color: rgb(168,  
113, 93) }
```

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