

Converting Colors

XYZ(23.9672, 25.6561, 20.9771)

Have a look what the booklet for
XYZ(23.9672, 25.6561, 20.9771)
contains.

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Color

**XYZ(24.0042, 25.7025,
20.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	908B76
RGB	144, 139, 118
RGB Percent	56%, 55%, 46%
CMY	0.4353, 0.4549, 0.5372
CMYK	0.00, 0.03, 0.18, 0.44
HSL	48°, 10%, 51%
HSV	48°, 18%, 56%
XYZ	24.0042, 25.7025, 20.8355
YIQ	138.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

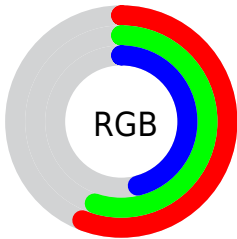
Format	Color
R_{YB}	124, 144, 118
Decimal	9472886
CIE _{Lab}	57.75, -1.86, 11.91
CIE _{LCh}	58, 12.054, 98.855
Yxy	25.7025, 0.3403, 0.3644
Android (android.graphics.Color)	4287662966 (0xFF908B76)
YUV	138.1010, -9.9098, 5.1734
Hunter-Lab	50.6976, -4.2051, 11.1216

Details

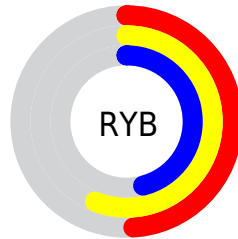
The XYZ color **24.0042, 25.7025, 20.8355** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5882, 20.0307, 29.2196**, and the grayscale version is **24.2306, 25.4925, 27.7613**.

A 20% lighter version of the original color is **49.3940, 52.6073, 45.5811**, and **9.1921, 9.9141, 7.2235** is the 20% darker color. If you saturate the color by 10%, you get **22.8176, 24.5956, 16.5356**, and if you desaturate by 10%, it is **25.3330, 26.8842, 25.8280**.

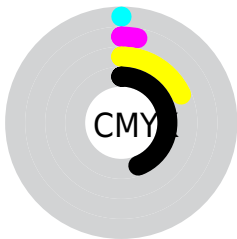
Distribution



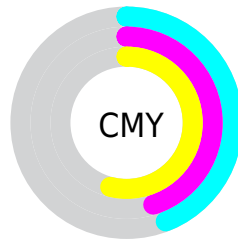
- Red (56%)
- Green (55%)
- Blue (46%)



- Red (49%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0042, 25.7025, 20.8355 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 24.0042, 25.7025, 20.8355 by changing the saturation by 10% instead.

■ 24.0042, 25.7025,
20.8355

■ 24.0042, 25.7025,
20.8355

265.2818,
281.3186, 269.1552

■ 15.4615, 16.6012,
12.8137

■ 49.4917, 52.7946,
45.6908

■ 9.2323, 9.9506,
7.1712

■ 67.1672, 71.5542,
63.3615

■ 4.9513, 5.3662,
3.4893

■ 88.6176, 94.3021,
85.0855

■ 2.2532, 2.4637,
1.3496

114.2084,
121.4226, 111.2815

■ 0.7706, 0.8584,
0.1019

144.3048,
153.3000, 142.3679

■ 0.0000, 0.0000,
0.0000

179.2723,

190.3190, 178.7633

219.4762,
232.8637, 220.8862

■ 24.0042, 25.7025,
20.8355

■ 24.0042, 25.7025,
20.8355

■ 22.8176, 24.5956,
16.5356

■ 25.3330, 26.8842,
25.8280

■ 21.7651, 23.5576,
12.8955

■ 26.8076, 28.1397,
31.5407

■ 20.8411, 22.5870,
9.8823

■ 28.4338, 29.4724,
38.0015

■ 20.0384, 21.6809,
7.4595

■ 30.2168, 30.8843,
45.2365

■ 19.3495, 20.8359,
5.5868

■ 32.1613, 32.3776,
53.2704

■ 18.7656, 20.0486,
4.2190

■ 34.2718, 33.9540,
62.1270

■ 18.2766, 19.3148,
3.3035

■ 36.5528, 35.6156,
71.8288

■ 17.8624, 18.6263,
2.7342

■ 39.0084, 37.3640,
82.3978

■ 17.7846, 18.4952,
2.6326

■ 41.6427, 39.2010,
93.8549

Harmonies

Analogous

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



25.4457, 25.7025, 21.1999



24.0042, 25.7025, 20.8355



22.7273, 25.7025, 22.2343

Triad

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



24.0042, 25.7025, 20.8355



22.3287, 25.7025, 33.2812



27.1140, 25.7025, 30.9559

Complementary

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



24.0042, 25.7025, 20.8355



19.5882, 20.0307, 29.2196

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.



26.2146, 25.7025, 34.6521



24.0042, 25.7025, 20.8355



23.4407, 25.7025, 36.0839

Square

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



24.0042, 25.7025, 20.8355



21.7853, 25.7025, 29.2286



24.8597, 25.7025, 36.6089



27.2794, 25.7025, 26.7784

Rectangle

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



24.0042, 25.7025, 20.8355



22.1275, 25.7025, 24.0679



24.8597, 25.7025, 36.6089



26.8858, 25.7025, 32.3070

Sweetspot

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



24.0049, 25.7036, 20.8360



45.4219, 48.0572, 48.3947



21.5680, 20.3216, 21.5907



10.3796, 10.9891, 10.9569



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.0049, 25.7036, 20.8360



41.3882, 44.4604, 33.2681



23.4293, 26.5057, 21.0212



5.7527, 6.1117, 5.7658



15.5033, 16.1382, 2.2979



0.1628, 0.1835, 0.0268

Inverse Universe

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



19.5882, 20.0307, 29.2196



31.9930, 32.3938, 51.1044



20.0875, 19.3913, 29.0698



5.2083, 5.4124, 6.7990



4.7526, 2.4911, 23.2074



0.0579, 0.0487, 0.2260

Previews

White Background



This preview shows how the XYZ color 24.0042, 25.7025, 20.8355 looks on a white background.

Color Contrast Check

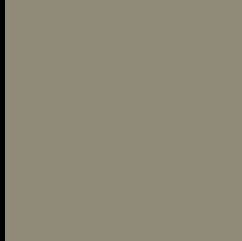
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0042, 25.7025, 20.8355 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

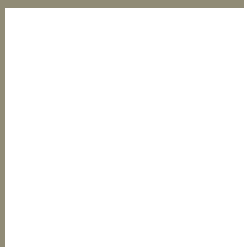
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0042, 25.7025, 20.8355

Background



This preview shows how black text looks on a background with the XYZ color 24.0042, 25.7025, 20.8355.



This preview shows how white text looks on a background with the XYZ color 24.0042, 25.7025,

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

24.0042, 25.7025, 20.8355

Protanopia

24.2126, 25.5960, 20.8039

Deuteranopia

26.1529, 25.7530, 21.0452



Tritanopia

26.0650, 25.6992, 30.7808

Trichromacy



Original Color

24.0042, 25.7025, 20.8355

Protanomaly

24.0355, 25.5047, 20.7956

Deuteranomaly

25.4604, 25.8103, 21.0927

Tritanomaly

25.2807, 25.5889, 26.8993

Monochromacy



Original Color

24.0042, 25.7025, 20.8355

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0004, 25.3911, 25.1087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0042, 25.7025, 20.8355 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(144, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 118)  
}
```

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(144, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.0042, 25.7025, 20.8355 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(144, 139, 118) }
```


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

```
.border{ border-color:rgb(144, 139, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0042, 25.7025, 20.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 118) }
```

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

```
.background{ background-color: rgb(144,  
139, 118) }
```

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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