

Converting Colors

XYZ(25.3188, 23.8275, 12.3119)

Have a look what the booklet for
XYZ(25.3188, 23.8275, 12.3119)
contains.

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Color

**XYZ(25.2024, 23.6802,
12.2592)**

Conversions

Conversions Part 1

Format	Color
Hex	A87D57
RGB	168, 125, 87
RGB Percent	66%, 49%, 34%
CMY	0.3412, 0.5098, 0.6588
CMYK	0.00, 0.26, 0.48, 0.34
HSL	28°, 32%, 50%
HSV	28°, 48%, 66%
XYZ	25.2024, 23.6802, 12.2592
YIQ	133.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

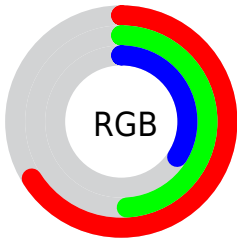
Format	Color
R_{YB}	168, 159, 87
Decimal	11042135
CIE _{Lab}	55.77, 11.88, 27.16
CIE _{LCh}	56, 29.646, 66.367
Yxy	23.6802, 0.4122, 0.3873
Android (android.graphics.Color)	4289232215 (0xFFA87D57)
YUV	133.5250, -22.9368, 30.2346
Hunter-Lab	48.6623, 7.2868, 19.1270

Details

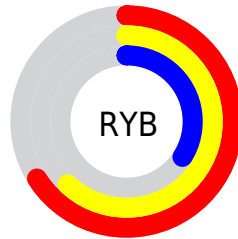
The XYZ color **25.2024, 23.6802, 12.2592** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.9806, 20.8178, 40.0636**, and the grayscale version is **22.5580, 23.7327, 25.8450**.

A 20% lighter version of the original color is **51.4871, 49.6545, 30.5375**, and **9.9241, 8.9064, 3.2939** is the 20% darker color. If you saturate the color by 10%, you get **23.5157, 21.2804, 8.6958**, and if you desaturate by 10%, it is **27.1514, 26.3490, 16.6986**.

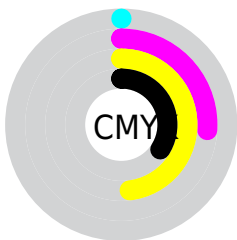
Distribution



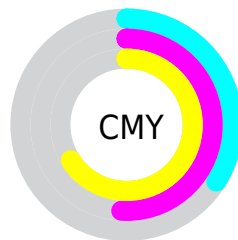
- Red (66%)
- Green (49%)
- Blue (34%)



- Red (66%)
- Yellow (62%)
- Blue (34%)



- Cyan (0%)
- Magenta (26%)
- Yellow (48%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2024, 23.6802, 12.2592 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 25.2024, 23.6802, 12.2592 by changing the saturation by 10% instead.

■ 25.2024, 23.6802,
12.2592

■ 25.2024, 23.6802,
12.2592

271.1735,
271.1997, 217.1523

■ 16.3574, 15.0966,
6.7958

■ 51.4259, 49.5078,
30.6377

■ 9.8699, 8.8872,
3.2582

■ 69.5352, 67.5206,
44.3899

■ 5.3744, 4.6677,
1.2279

■ 91.4633, 89.4452,
61.7422

■ 2.5056, 2.0536,
0.0016

■ 117.5756,
115.6661, 83.1129

■ 0.8981, 0.6384,
0.0000

■ 148.2374,
146.5675, 108.9208

■ 0.0000, 0.0000,
0.0000

183.8140,

182.5340, 139.5842

224.6710,
223.9499, 175.5219

■ 25.2024, 23.6802,
12.2592

■ 25.2024, 23.6802,
12.2592

■ 23.5157, 21.2804,
8.6958

■ 27.1514, 26.3490,
16.6986

■ 22.0757, 19.1363,
5.9469

■ 29.3737, 29.2924,
22.0670

■ 20.8674, 17.2384,
3.9451

■ 31.8816, 32.5204,
28.4148

■ 19.8732, 15.5751,
2.6114

■ 34.6862, 36.0410,
35.7882

■ 19.0641, 14.1298,
1.8087

■ 37.7978, 39.8622,
44.2306

■ 18.9317, 13.8913,
1.6835

■ 41.2263, 43.9915,
53.7829

■ 44.9811, 48.4361,
64.4838

■ 49.0712, 53.2029,
76.3700

■ 53.5051, 58.2987,
89.4766

Harmonies

Analogous

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



28.1306, 23.6802, 16.2818



25.2024, 23.6802, 12.2592



21.7973, 23.6802, 11.4027

Triad

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



25.2024, 23.6802, 12.2592



16.6692, 23.6802, 27.8941



26.5666, 23.6802, 43.7715

Complementary

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



25.2024, 23.6802, 12.2592



18.9806, 20.8178, 40.0636

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.



23.2326, 23.6802, 48.9363



25.2024, 23.6802, 12.2592



17.6883, 23.6802, 38.4081

Square

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



25.2024, 23.6802, 12.2592



17.0841, 23.6802, 19.0450



20.0116, 23.6802, 46.7619



28.9715, 23.6802, 33.9496

Rectangle

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



25.2024, 23.6802, 12.2592



19.7539, 23.6802, 12.4883



20.0116, 23.6802, 46.7619



25.5054, 23.6802, 46.2083

Sweetspot

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



25.2030, 23.6813, 12.2597



59.8021, 61.4766, 56.6299



23.5995, 16.7585, 23.1806



12.8094, 13.1156, 11.7561



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.



25.2030, 23.6813, 12.2597



42.4333, 38.2674, 15.2994



31.3781, 36.0316, 14.3180



7.8104, 8.1009, 7.9412



14.3470, 10.5913, 1.2881



0.4006, 0.3607, 0.0485

Inverse Universe

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



18.9806, 20.8178, 40.0636



29.7554, 32.4220, 71.9149



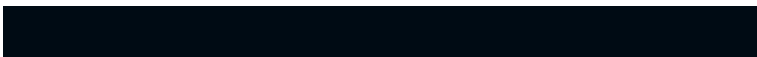
14.6295, 12.1154, 38.6133



7.4491, 7.9350, 9.5573



8.0980, 7.6561, 29.0265



0.2476, 0.2874, 0.7231

Previews

White Background



This preview shows how the XYZ color 25.2024, 23.6802, 12.2592 looks on a white background.

Color Contrast Check

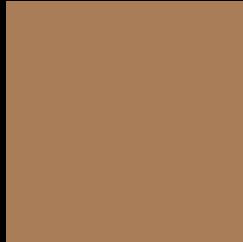
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2024, 23.6802, 12.2592 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 25.2024, 23.6802, 12.2592

Background



This preview shows how black text looks on a background with the XYZ color 25.2024, 23.6802, 12.2592.



This preview shows how white text looks on a background with the XYZ color 25.2024, 23.6802,

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

25.2024, 23.6802, 12.2592

Protanopia

22.0905, 23.8253, 13.3320

Deuteranopia

24.0968, 23.6873, 12.1062



Tritanopia

27.6922, 23.7886, 23.9010

Trichromacy



Original Color

25.2024, 23.6802, 12.2592

Protanomaly

23.0986, 23.7431, 13.0383

Deuteranomaly

24.5789, 23.7431, 12.0915

Tritanomaly

26.7914, 23.7919, 19.0998

Monochromacy



Original Color

25.2024, 23.6802, 12.2592

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1812, 23.6279, 20.1685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2024, 23.6802, 12.2592 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, 125, 87)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 87)  
}
```

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, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.2024, 23.6802, 12.2592 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, 125, 87) }
```


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

```
.border{ border-color:rgb(168, 125, 87) }
```

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

Here you see how a box with a 4 pixel rgb(168, 125, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2024, 23.6802, 12.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 87) }
```

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

```
.background{ background-color: rgb(168,  
125, 87) }
```

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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