

Converting Colors

XYZ(24.0438, 25.5604, 12.2504)

Have a look what the booklet for
XYZ(24.0438, 25.5604, 12.2504)
contains.

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Color

**XYZ(23.9118, 25.4172,
12.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8955
RGB	154, 137, 85
RGB Percent	60%, 54%, 33%
CMY	0.3961, 0.4627, 0.6667
CMYK	0.00, 0.11, 0.45, 0.40
HSL	45°, 29%, 47%
HSV	45°, 45%, 60%
XYZ	23.9118, 25.4172, 12.2401
YIQ	136.1550, 26.8240, -12.5680

Conversions

Conversions Part 2

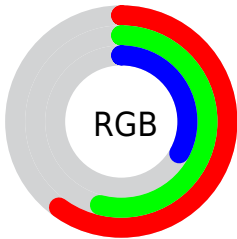
Format	Color
RYB	108, 154, 85
Decimal	10127701
CIELab	57.48, -1.08, 30.16
CIELCh	57, 30.184, 92.052
Yxy	25.4172, 0.3884, 0.4128
Android (android.graphics.Color)	4288317781 (0xFF9A8955)
YUV	136.1550, -25.2194, 15.6501
Hunter-Lab	50.4155, -3.5654, 20.8961

Details

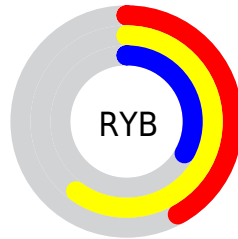
The XYZ color **23.9118, 25.4172, 12.2401** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.3304, 13.7668, 32.4738**, and the grayscale version is **23.5449, 24.7711, 26.9757**.

A 20% lighter version of the original color is **49.3650, 52.2778, 30.4105**, and **9.1249, 9.7230, 3.2295** is the 20% darker color. If you saturate the color by 10%, you get **22.8358, 24.1400, 9.1846**, and if you desaturate by 10%, it is **25.1412, 26.7880, 16.0043**.

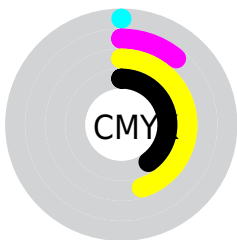
Distribution



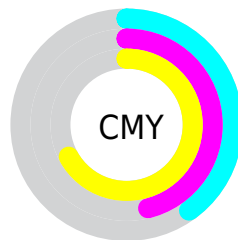
- Red (60%)
- Green (54%)
- Blue (33%)



- Red (42%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (40%)



- Cyan (40%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9118, 25.4172, 12.2401 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 23.9118, 25.4172, 12.2401 by changing the saturation by 10% instead.

■ 23.9118, 25.4172,
12.2401

■ 23.9118, 25.4172,
12.2401

264.8230,
279.9093, 217.0224

■ 15.3926, 16.3882,
6.7829

■ 49.3420, 52.3332,
30.6026

■ 9.1835, 9.7992,
3.2503

■ 66.9836, 70.9890,
44.3449

■ 4.9191, 5.2660,
1.2238

■ 88.3968, 93.6225,
61.6860

■ 2.2342, 2.4042,
0.0000

■ 113.9469,
120.6181, 83.0445

■ 0.7606, 0.8280,
0.0000

■ 143.9992,
152.3602, 108.8388

■ 0.0000, 0.0000,
0.0000

178.9190,

189.2331, 139.4875

219.0719,
231.6214, 175.4092

■ 23.9118, 25.4172,
12.2401

■ 23.9118, 25.4172,
12.2401

■ 22.8358, 24.1400,
9.1846

■ 25.1412, 26.7880,
16.0043

■ 21.9024, 22.9489,
6.7901

■ 26.5303, 28.2523,
20.5176

■ 21.1022, 21.8408,
5.0058

■ 28.0871, 29.8148,
25.8190

■ 20.4239, 20.8109,
3.7723

■ 29.8188, 31.4783,
31.9445

■ 19.8530, 19.8531,
3.0154

■ 31.7318, 33.2460,
38.9279

■ 19.5794, 19.3760,
2.7080

■ 33.8324, 35.1204,
46.8010

■ 36.1265, 37.1044,
55.5940

■ 38.6196, 39.2004,
65.3357

■ 41.3173, 41.4108,
76.0537

Harmonies

Analogous

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



27.5420, 25.4172, 13.6208



23.9118, 25.4172, 12.2401



20.6751, 25.4172, 14.0671

Triad

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



23.9118, 25.4172, 12.2401



18.7644, 25.4172, 39.5557



30.7877, 25.4172, 38.0193

Complementary

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



23.9118, 25.4172, 12.2401



14.3304, 13.7668, 32.4738

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.



28.0122, 25.4172, 48.0539



23.9118, 25.4172, 12.2401



21.0637, 25.4172, 49.0845

Square

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



23.9118, 25.4172, 12.2401



17.8924, 25.4172, 28.3894



24.4065, 25.4172, 52.5234



31.7390, 25.4172, 26.9727

Rectangle

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



23.9118, 25.4172, 12.2401



19.1108, 25.4172, 17.2061



24.4065, 25.4172, 52.5234



30.0244, 25.4172, 41.7083

Sweetspot

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



23.9124, 25.4184, 12.2406



51.4870, 54.6152, 48.5204



18.9858, 14.3316, 14.4014



11.5121, 12.2231, 10.4892



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9124, 25.4184, 12.2406



41.4323, 43.7898, 16.5473



23.4710, 29.0644, 12.9676



6.5800, 6.9650, 6.6034



15.9808, 15.8441, 2.2159



0.2666, 0.2923, 0.0424

Inverse Universe

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



14.3304, 13.7668, 32.4738



21.7283, 19.8522, 58.2230



14.5894, 11.6699, 32.0554



6.0020, 6.2613, 7.8212



5.3399, 3.0764, 25.2201



0.1051, 0.0966, 0.3855

Previews

White Background



This preview shows how the XYZ color 23.9118, 25.4172, 12.2401 looks on a white background.

Color Contrast Check

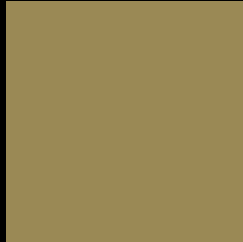
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9118, 25.4172, 12.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

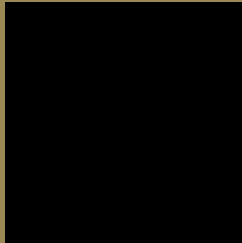
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9118, 25.4172, 12.2401

Background



This preview shows how black text looks on a background with the XYZ color 23.9118, 25.4172, 12.2401.



This preview shows how white text looks on a background with the XYZ color 23.9118, 25.4172,

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

23.9118, 25.4172, 12.2401

Protanopia

23.4907, 25.4121, 12.2613

Deuteranopia

25.8673, 25.3899, 12.3415



Tritanopia

27.2135, 25.3323, 28.2663

Trichromacy



Original Color

23.9118, 25.4172, 12.2401

Protanomaly

23.6771, 25.5082, 12.2700

Deuteranomaly

25.1051, 25.4035, 12.3843

Tritanomaly

25.8782, 25.4002, 21.3081

Monochromacy



Original Color

23.9118, 25.4172, 12.2401

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3427, 24.7323, 20.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9118, 25.4172, 12.2401 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(154, 137, 85)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 85)  
}
```

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(154, 137, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 85) }
```

Border

The CSS property to change the border of an element to XYZ 23.9118, 25.4172, 12.2401 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(154, 137, 85) }
```


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

```
.border{ border-color:rgb(154, 137, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 85);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9118, 25.4172, 12.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 85) }
```

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

```
.background{ background-color: rgb(154,  
137, 85) }
```

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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