

Converting Colors

XYZ(22.5922, 25.5538, 12.5953)

Have a look what the booklet for
XYZ(22.5922, 25.5538, 12.5953)
contains.

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Color

**XYZ(22.5323, 25.5613,
12.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8D56
RGB	143, 141, 86
RGB Percent	56%, 55%, 34%
CMY	0.4392, 0.4470, 0.6627
CMYK	0.00, 0.01, 0.40, 0.44
HSL	58°, 25%, 45%
HSV	58°, 40%, 56%
XYZ	22.5323, 25.5613, 12.5503
YIQ	135.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

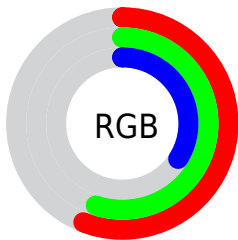
Format	Color
R_{YB}	88, 143, 86
Decimal	9407830
CIE Lab	57.62, -7.87, 29.59
CIE LCh	58, 30.623, 104.890
Yxy	25.5613, 0.3716, 0.4215
Android (android.graphics.Color)	4287597910 (0xFF8F8D56)
YUV	135.3280, -24.3187, 6.7283
Hunter-Lab	50.5582, -8.9246, 20.6729

Details

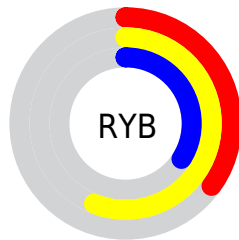
The XYZ color **22.5323, 25.5613, 12.5503** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2853, 10.9407, 27.4509**, and the grayscale version is **23.2343, 24.4442, 26.6198**.

A 20% lighter version of the original color is **47.3192, 52.8421, 31.3725**, and **8.4217, 9.8528, 3.3774** is the 20% darker color. If you saturate the color by 10%, you get **21.9395, 25.2072, 9.7891**, and if you desaturate by 10%, it is **23.2420, 25.9645, 15.9199**.

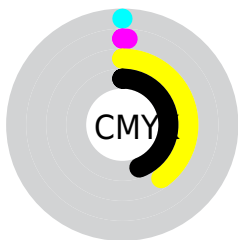
Distribution



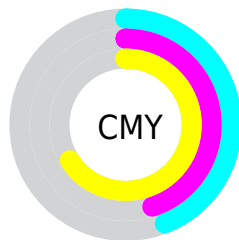
- Red (56%)
- Green (55%)
- Blue (34%)



- Red (35%)
- Yellow (56%)
- Blue (34%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5323, 25.5613, 12.5503 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 22.5323, 25.5613, 12.5503 by changing the saturation by 10% instead.

■ 22.5323, 25.5613,
12.5503

■ 22.5323, 25.5613,
12.5503

257.8940,
280.6218, 219.1208

■ 14.3673, 16.4957,
6.9926

■ 47.0965, 52.5664,
31.1727

■ 8.4600, 9.8756,
3.3791

■ 64.2265, 71.2747,
45.0745

■ 4.4449, 5.3166,
1.2913

■ 85.0756, 93.9660,
62.5947

■ 1.9568, 2.4342,
0.0546

■ 110.0090,
121.0247, 84.1518

■ 0.6095, 0.8434,
0.0000

■ 139.3923,
152.8353, 110.1645

■ 0.0000, 0.0000,
0.0000

173.5906,

189.7821, 141.0511

212.9694,
232.2494, 177.2304

■ 22.5323, 25.5613,
12.5503

■ 22.5323, 25.5613,
12.5503

■ 21.9395, 25.2072,
9.7891

■ 23.2420, 25.9645,
15.9199

■ 21.4547, 24.8959,
7.5982

■ 24.0731, 26.4159,
19.9297

■ 21.0710, 24.6256,
5.9379

■ 25.0321, 26.9190,
24.6111

■ 20.7798, 24.3928,
4.7626

■ 26.1244, 27.4760,
29.9932

■ 20.5708, 24.1935,
4.0191

■ 27.3553, 28.0889,
36.1031

■ 20.4172, 24.0168,
3.5654

■ 28.7296, 28.7597,
42.9668

■ 20.4150, 24.0143,
3.5592

■ 30.2520, 29.4904,
50.6087

■ 31.9270, 30.2825,
59.0523

■ 33.7588, 31.1380,
68.3200

Harmonies

Analogous

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



26.1753, 25.5613, 12.5621



22.5323, 25.5613, 12.5503



19.6616, 25.5613, 15.8607

Triad

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



22.5323, 25.5613, 12.5503



19.6449, 25.5613, 44.6068



31.7382, 25.5613, 33.4203

Complementary

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



22.5323, 25.5613, 12.5503



12.2853, 10.9407, 27.4509

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.



29.6051, 25.5613, 44.6820



22.5323, 25.5613, 12.5503



22.5074, 25.5613, 52.1614

Square

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



22.5323, 25.5613, 12.5503



18.1119, 25.5613, 33.3357



26.1478, 25.5613, 52.1919



31.7466, 25.5613, 22.9699

Rectangle

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



22.5323, 25.5613, 12.5503



18.4665, 25.5613, 20.1287



26.1478, 25.5613, 52.1919



31.2371, 25.5613, 37.2856

Sweetspot

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



22.5329, 25.5625, 12.5508



44.3960, 47.9834, 41.9548



16.4525, 13.2142, 11.1020



10.1353, 10.9798, 9.3975



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.



22.5329, 25.5625, 12.5508



39.3722, 45.1928, 17.9079



18.8856, 24.1231, 12.4652



5.8236, 6.2535, 5.7895



18.0540, 21.2398, 3.1481



0.1759, 0.2096, 0.0312

Inverse Universe

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



12.2853, 10.9407, 27.4509



18.3373, 15.1822, 48.5020



14.9236, 12.0609, 27.5280



5.1438, 5.2834, 6.7775



4.4351, 1.8562, 23.1016



0.0448, 0.0226, 0.2217

Previews

White Background



This preview shows how the XYZ color 22.5323, 25.5613, 12.5503 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 22.5323, 25.5613, 12.5503 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

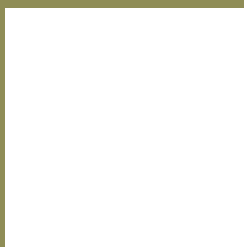
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5323, 25.5613, 12.5503

Background



This preview shows how black text looks on a background with the XYZ color 22.5323, 25.5613, 12.5503.



This preview shows how white text looks on a background with the XYZ color 22.5323, 25.5613,

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

22.5323, 25.5613, 12.5503

Protanopia

23.4907, 25.4121, 12.2613

Deuteranopia

25.9491, 25.4226, 12.7719



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

22.5323, 25.5613, 12.5503

Protanomaly

23.0851, 25.4170, 12.2836

Deuteranomaly

24.4848, 25.2852, 12.6069

Tritanomaly

24.5534, 25.5244, 22.3715

Monochromacy



Original Color

22.5323, 25.5613, 12.5503

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6378, 24.5789, 20.3807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5323, 25.5613, 12.5503 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(143, 141, 86)` looks like.

```
.text, #text, p{  
    color:rgb(143, 141, 86)  
}
```

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(143, 141, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 141, 86) }
```

Border

The CSS property to change the border of an element to XYZ 22.5323, 25.5613, 12.5503 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(143, 141, 86) }
```


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

```
.border{ border-color:rgb(143, 141, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 141, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 141, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 141, 86);  
box-shadow:4px 4px 4px 4px rgb(143, 141,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5323, 25.5613, 12.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 141, 86) }
```

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

```
.background{ background-color: rgb(143,  
141, 86) }
```

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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