

Converting Colors

XYZ(22.9325, 25.9583, 13.9270)

Have a look what the booklet for
XYZ(22.9325, 25.9583, 13.9270)
contains.

XYZ(22.9325, 25.9583, 13.9270)	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(22.9325, 25.9583,
13.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8E5C
RGB	143, 142, 92
RGB Percent	56%, 56%, 36%
CMY	0.4392, 0.4431, 0.6392
CMYK	0.00, 0.01, 0.36, 0.44
HSL	59°, 22%, 46%
HSV	59°, 36%, 56%
XYZ	22.9325, 25.9583, 13.9270
YIQ	136.5990, 16.6460, -15.3380

Conversions

Conversions Part 2

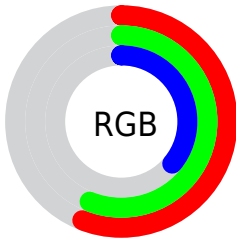
Format	Color
RYB	93, 143, 92
Decimal	9408092
CIELab	58.00, -7.68, 26.81
CIElCh	58, 27.891, 105.987
Yxy	25.9583, 0.3651, 0.4132
Android (android.graphics.Color)	4287598172 (0xFF8F8E5C)
YUV	136.5990, -21.9873, 5.6137
Hunter-Lab	50.9493, -8.8176, 19.4576

Details

The XYZ color **22.9325, 25.9583, 13.9270** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.2860, 12.0870, 27.6196**, and the grayscale version is **23.7030, 24.9374, 27.1568**.

A 20% lighter version of the original color is **47.9866, 53.4688, 33.7779**, and **8.7144, 10.1191, 3.9765** is the 20% darker color. If you saturate the color by 10%, you get **22.3242, 25.6494, 10.9260**, and if you desaturate by 10%, it is **23.6602, 26.3169, 17.5507**.

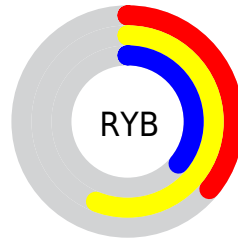
Distribution



Red (56%)

Green (56%)

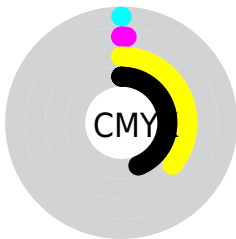
Blue (36%)



Red (36%)

Yellow (56%)

Blue (36%)

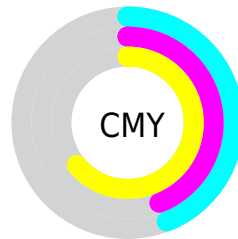


Cyan (0%)

Magenta (1%)

Yellow (36%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9325, 25.9583, 13.9270 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 22.9325, 25.9583, 13.9270 by changing the saturation by 10% instead.

■ 22.9325, 25.9583,
13.9270

■ 22.9325, 25.9583,
13.9270

259.9199,
282.5773, 228.1888

■ 14.6641, 16.7924,
7.9317

■ 47.7499, 53.2077,
33.6747

■ 8.6688, 10.0866,
3.9642

■ 65.0297, 72.0600,
48.2642

■ 4.5811, 5.4564,
1.6057

■ 86.0439, 94.9099,
66.5556

■ 2.0359, 2.5175,
0.2949

■ 111.1580,
122.1418, 88.9673

■ 0.6540, 0.8854,
0.0000

140.7373,
154.1401, 115.9180

■ 0.0000, 0.0000,
0.0000

175.1471,

191.2892, 147.8261

214.7529,
233.9735, 185.1102

■ 22.9325, 25.9583,
13.9270

■ 22.9325, 25.9583,
13.9270

■ 22.3242, 25.6494,
10.9260

■ 23.6602, 26.3169,
17.5507

■ 21.8268, 25.3842,
8.5109

■ 24.5115, 26.7243,
21.8278

■ 21.4335, 25.1607,
6.6438

■ 25.4928, 27.1838,
26.7888

■ 21.1362, 24.9758,
5.2815

■ 26.6095, 27.6976,
32.4620

■ 20.9254, 24.8257,
4.3744

■ 27.8665, 28.2677,
38.8740

■ 20.7876, 24.7049,
3.8510

■ 29.2688, 28.8961,
46.0501

■ 20.7358, 24.6558,
3.6662

■ 30.8208, 29.5845,
54.0144

■ 32.5269, 30.3348,
62.7897

■ 34.3914, 31.1486,
72.3983

Harmonies

Analogous

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



26.2732, 25.9583, 13.8241



22.9325, 25.9583, 13.9270



20.3043, 25.9583, 17.2418

Triad

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



22.9325, 25.9583, 13.9270



20.4431, 25.9583, 43.8014



31.5003, 25.9583, 32.9944

Complementary

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



22.9325, 25.9583, 13.9270



13.2860, 12.0870, 27.6196

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.



29.6264, 25.9583, 43.1993



22.9325, 25.9583, 13.9270



23.1383, 25.9583, 50.3338

Square

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



22.9325, 25.9583, 13.9270



18.9588, 25.9583, 33.6832



26.4985, 25.9583, 50.0913



31.4325, 25.9583, 23.4600

Rectangle

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



22.9325, 25.9583, 13.9270



19.2199, 25.9583, 21.3720



26.4985, 25.9583, 50.0913



31.0698, 25.9583, 36.4985

Sweetspot

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



22.9331, 25.9595, 13.9275



44.6454, 48.2115, 42.8723



17.1621, 14.2971, 12.3747



10.1908, 11.0337, 9.5921



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.



22.9331, 25.9595, 13.9275



40.1555, 46.0253, 20.4318



19.3897, 24.3540, 13.8044



5.8306, 6.2676, 5.7918



18.3361, 21.8040, 3.2422



0.1772, 0.2122, 0.0316

Inverse Universe

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



13.2860, 12.0870, 27.6196



20.1631, 17.2779, 48.8103



15.9613, 13.3371, 27.7199



5.1375, 5.2708, 6.7754



4.4124, 1.8109, 23.0940



0.0435, 0.0200, 0.2212

Previews

White Background



This preview shows how the XYZ color 22.9325, 25.9583, 13.9270 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 22.9325, 25.9583, 13.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

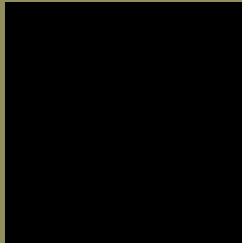
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9325, 25.9583, 13.9270

Background



This preview shows how black text looks on a background with the XYZ color 22.9325, 25.9583, 13.9270.



This preview shows how white text looks on a background with the XYZ color 22.9325, 25.9583,

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

22.9325, 25.9583, 13.9270

Protanopia

23.8834, 25.7999, 13.6186

Deuteranopia

26.3443, 25.7987, 14.1808



Tritanopia

26.2467, 25.7928, 30.7893

Trichromacy



Original Color

22.9325, 25.9583, 13.9270

Protanomaly

23.4792, 25.8074, 13.6414

Deuteranomaly

24.8805, 25.6677, 13.9990

Tritanomaly

24.8870, 25.8864, 23.4235

Monochromacy



Original Color

22.9325, 25.9583, 13.9270

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3313, 25.3347, 21.7496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9325, 25.9583, 13.9270 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, 142, 92)` looks like.

```
.text, #text, p{  
    color:rgb(143, 142, 92)  
}
```

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, 142, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 142, 92) }
```

Border

The CSS property to change the border of an element to XYZ 22.9325, 25.9583, 13.9270 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, 142, 92) }
```


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

```
.border{ border-color:rgb(143, 142, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 142, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 142, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 142, 92);  
box-shadow:4px 4px 4px 4px rgb(143, 142,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9325, 25.9583, 13.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 142, 92) }
```

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

```
.background{ background-color: rgb(143,  
142, 92) }
```

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