

Converting Colors

XYZ(25.6663, 34.0472, 22.3796)

Have a look what the booklet for
XYZ(25.6663, 34.0472, 22.3796)
contains.

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Color

**XYZ(25.6264, 33.8949,
22.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA976
RGB	123, 169, 118
RGB Percent	48%, 66%, 46%
CMY	0.5176, 0.3372, 0.5372
CMYK	0.27, 0.00, 0.30, 0.34
HSL	114°, 23%, 56%
HSV	114°, 30%, 66%
XYZ	25.6264, 33.8949, 22.3313
YIQ	149.4320, -11.0450, -25.6130

Conversions

Conversions Part 2

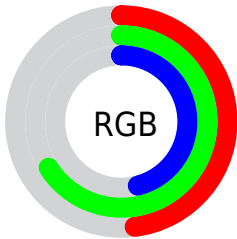
Format	Color
RYB	118, 169, 164
Decimal	8104310
CIELab	64.88, -25.60, 21.50
CIElCh	65, 33.434, 139.978
Yxy	33.8949, 0.3131, 0.4141
Android (android.graphics.Color)	4286294390 (0xFF7BA976)
YUV	149.4320, -15.4960, -23.1809
Hunter-Lab	58.2193, -23.3135, 18.0115

Details

The XYZ color **25.6264, 33.8949, 22.3313** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.9512, 23.7150, 40.5894**, and the grayscale version is **28.8165, 30.3172, 33.0155**.

A 20% lighter version of the original color is **52.0428, 65.5607, 47.9417**, and **10.1080, 14.5300, 7.9020** is the 20% darker color. If you saturate the color by 10%, you get **22.6974, 32.4918, 17.4133**, and if you desaturate by 10%, it is **29.0767, 35.5480, 28.2145**.

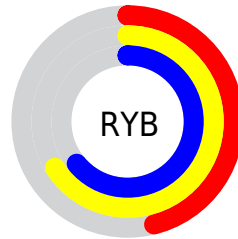
Distribution



Red (48%)

Green (66%)

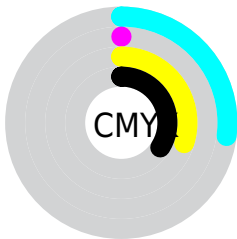
Blue (46%)



Red (46%)

Yellow (66%)

Blue (64%)

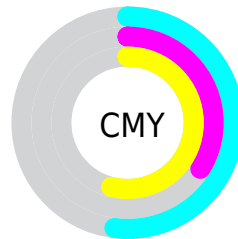


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6264, 33.8949, 22.3313 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 25.6264, 33.8949, 22.3313 by changing the saturation by 10% instead.

■ 25.6264, 33.8949,
22.3313

■ 25.6264, 33.8949,
22.3313

273.2337,
319.6632, 277.2813

■ 16.6756, 22.8129,
13.8999

■ 52.1072, 65.7702,
48.2021

■ 10.0973, 14.4554,
7.9131

■ 70.3679, 87.3323,
66.4787

■ 5.5263, 8.4381,
3.9524

■ 92.4627, 113.1564,
88.8740

■ 2.5971, 4.3765,
1.5993

118.7567,
143.6272, 115.8066

■ 0.9445, 1.8863,
0.2903

149.6155,
179.1288, 147.6951

■ 0.0000, 0.5401,
0.0000

185.4044,

■ 0.0000, 0.0000,

220.0457, 184.9581

0.0000

226.4886,
266.7624, 228.0139

■ 25.6264, 33.8949,
22.3313

■ 25.6264, 33.8949,
22.3313

■ 22.6974, 32.4918,
17.4133

■ 29.0767, 35.5480,
28.2145

■ 20.2619, 31.3224,
13.4068

■ 33.0692, 37.4577,
35.1082

■ 18.2932, 30.3752,
10.2565


■ 37.6270, 39.6361,
43.0574


■ 16.7613, 29.6360,
7.9000


■ 42.7709, 42.0930,
52.1040

■ 15.6325, 29.0891,
6.2667


■ 48.5206, 44.8376,
62.2875


 14.8681, 28.7162,
5.2732

 54.8952, 47.8790,
73.6453

 14.4121, 28.4925,
4.7400

 61.9125, 51.2257,
86.2133

 69.5901, 54.8859,
100.0258

 73.4786, 56.8573,
101.7095

Harmonies

Analogous

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



29.1519, 33.8949, 17.1567



25.6264, 33.8949, 22.3313



23.9233, 33.8949, 32.4760

Triad

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



25.6264, 33.8949, 22.3313



30.6297, 33.8949, 69.7046



41.7362, 33.8949, 28.5589

Complementary

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



25.6264, 33.8949, 22.3313



28.9512, 23.7150, 40.5894

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.



42.2330, 33.8949, 41.7211



25.6264, 33.8949, 22.3313



35.4878, 33.8949, 67.8986

Square

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



25.6264, 33.8949, 22.3313



26.6153, 33.8949, 61.1957



39.8484, 33.8949, 56.7447



38.5521, 33.8949, 20.0811

Rectangle

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



25.6264, 33.8949, 22.3313



23.9223, 33.8949, 41.6990



39.8484, 33.8949, 56.7447



42.2345, 33.8949, 32.4947

Sweetspot

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



25.6273, 33.8963, 22.3320



60.0056, 67.4560, 64.2339



32.8913, 36.2598, 22.4054



12.8440, 14.5903, 13.5929



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.



25.6273, 33.8963, 22.3320



42.3986, 59.0279, 34.1061



26.2767, 34.0756, 29.3901



7.5025, 8.4416, 8.0232



10.7631, 21.2458, 3.5336



0.2823, 0.5274, 0.0869

Inverse Universe

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



28.9512, 23.7150, 40.5894



49.2804, 37.9215, 71.9473



28.2348, 23.5500, 31.3253



7.7684, 7.6287, 9.4814



15.0740, 7.1543, 28.5619



0.3869, 0.1844, 0.6959

Previews

White Background



This preview shows how the XYZ color 25.6264, 33.8949, 22.3313 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.6264, 33.8949, 22.3313 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 ✓ Pass

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

XYZ 25.6264, 33.8949, 22.3313

Background



This preview shows how black text looks on a background with the XYZ color 25.6264, 33.8949, 22.3313.



This preview shows how white text looks on a background with the XYZ color 25.6264, 33.8949,

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

25.6264, 33.8949, 22.3313

Protanopia

31.3998, 33.7412, 20.4805

Deuteranopia

34.3466, 33.7287, 23.1124



Tritanopia

30.3311, 33.9224, 45.5065

Trichromacy



Original Color

25.6264, 33.8949, 22.3313

Protanomaly

28.7883, 33.4029, 21.1498

Deuteranomaly

30.5783, 33.5156, 22.9467

Tritanomaly

28.3411, 33.9105, 35.6235

Monochromacy



Original Color

25.6264, 33.8949, 22.3313

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.2911, 31.1874, 28.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6264, 33.8949, 22.3313 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(123, 169, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 169, 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(123, 169, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 169, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.6264, 33.8949, 22.3313 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(123, 169, 118) }
```


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

```
.border{ border-color:rgb(123, 169, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 169, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 169, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 169, 118);  
box-shadow:4px 4px 4px 4px rgb(123, 169,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6264, 33.8949, 22.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 169, 118) }
```

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

```
.background{ background-color: rgb(123,  
169, 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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