

Converting Colors

XYZ(25.9908, 32.9880, 22.4502)

Have a look what the booklet for
XYZ(25.9908, 32.9880, 22.4502)
contains.

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Color

**XYZ(25.9908, 32.9880,
22.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	82A577
RGB	130, 165, 119
RGB Percent	51%, 65%, 47%
CMY	0.4902, 0.3529, 0.5333
CMYK	0.21, 0.00, 0.28, 0.35
HSL	106°, 20%, 56%
HSV	106°, 28%, 65%
XYZ	25.9908, 32.9880, 22.4502
YIQ	149.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

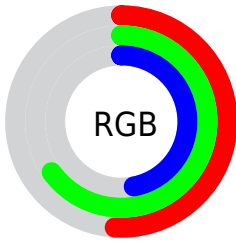
Format	Color
RYB	119, 165, 154
Decimal	8562039
CIELab	64.15, -20.94, 20.04
CIElCh	64, 28.984, 136.266
Yxy	32.9880, 0.3192, 0.4051
Android (android.graphics.Color)	4286752119 (0xFF82A577)
YUV	149.2910, -14.9335, -16.9182
Hunter-Lab	57.4352, -19.7360, 17.0294

Details

The XYZ color **25.9908, 32.9880, 22.4502** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.7162, 22.7812, 38.5882**, and the grayscale version is **28.7531, 30.2505, 32.9428**.

A 20% lighter version of the original color is **52.7110, 64.3170, 48.1643**, and **10.3189, 13.9579, 7.9446** is the 20% darker color. If you saturate the color by 10%, you get **23.2751, 31.6937, 17.5918**, and if you desaturate by 10%, it is **29.1153, 34.4751, 28.2272**.

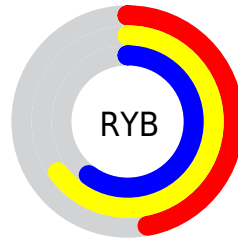
Distribution



Red (51%)

Green (65%)

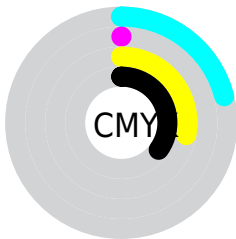
Blue (47%)



Red (47%)

Yellow (65%)

Blue (60%)

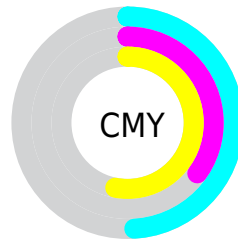


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9908, 32.9880, 22.4502 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 25.9908, 32.9880, 22.4502 by changing the saturation by 10% instead.

■ 25.9908, 32.9880,
22.4502

■ 25.9908, 32.9880,
22.4502

274.9944,
315.5957, 277.9182

■ 16.9494, 22.1173,
13.9866

■ 52.6915, 64.3568,
48.4007

■ 10.2935, 13.9431,
7.9727

■ 71.0815, 85.6236,
66.7246

■ 5.6577, 8.0811,
3.9900

■ 93.3185, 111.1246,
89.1724

■ 2.6768, 4.1469,
1.6198

119.7677,
141.2442, 116.1626

■ 0.9852, 1.7561,
0.3049

150.7945,
176.3666, 148.1137

■ 0.0000, 0.4596,
0.0000

186.7644,

■ 0.0000, 0.0000,

216.8764, 185.4444

0.0000

228.0426,
263.1580, 228.5730

■ 25.9908, 32.9880,
22.4502

■ 25.9908, 32.9880,
22.4502

■ 23.2751, 31.6937,
17.5918

■ 29.1153, 34.4751,
28.2272

■ 20.9483, 30.5801,
13.6027

■ 32.6623, 36.1582,
34.9645

■ 18.9927, 29.6401,
10.4321

■ 36.6481, 38.0458,
42.7038

■ 17.3881, 28.8645,
8.0231

■ 41.0870, 40.1444,
51.4837

■ 16.1121, 28.2433,
6.3117

■ 45.9931, 42.4605,
61.3409

■ 15.1396, 27.7650,
5.2230

■ 51.3796, 45.0001,
72.3101

■ 14.4345, 27.4139,
4.6311

■ 57.2592, 47.7691,
84.4246

■ 14.3097, 27.3518,
4.5252

■ 63.6443, 50.7731,
97.7163

■ 68.4670, 53.1858,
101.2650

Harmonies

Analogous

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



29.1953, 32.9880, 18.2976



25.9908, 32.9880, 22.4502



24.2961, 32.9880, 30.8153

Triad

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



25.9908, 32.9880, 22.4502



29.5176, 32.9880, 62.6493



39.5562, 32.9880, 29.9527

Complementary

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



25.9908, 32.9880, 22.4502



26.7162, 22.7812, 38.5882

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.



39.6616, 32.9880, 41.5558



25.9908, 32.9880, 22.4502



33.6168, 32.9880, 62.2757

Square

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



25.9908, 32.9880, 22.4502



26.2089, 32.9880, 54.8481



37.4087, 32.9880, 53.9173



37.1321, 32.9880, 21.9381

Rectangle

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



25.9908, 32.9880, 22.4502



24.1458, 32.9880, 38.4418



37.4087, 32.9880, 53.9173



39.8707, 32.9880, 33.5078

Sweetspot

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



25.9917, 32.9894, 22.4509



58.3133, 64.6684, 62.2706



30.3215, 32.2792, 22.0856



12.5377, 14.0379, 13.2095



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9917, 32.9894, 22.4509



43.6744, 57.7096, 35.0284



25.1268, 32.4589, 26.2371



7.1368, 7.9730, 7.5429



10.8637, 20.7109, 3.4250



0.2673, 0.4553, 0.0738

Inverse Universe

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



26.7162, 22.7812, 38.5882



45.1674, 36.5756, 68.4316



27.9063, 23.5103, 33.4225



7.1981, 7.1165, 8.8973



11.6429, 5.4086, 27.3601



0.2826, 0.1332, 0.5767

Previews

White Background



This preview shows how the XYZ color 25.9908, 32.9880, 22.4502 looks on a white background.

Color Contrast Check

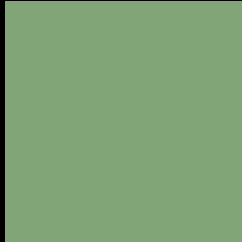
Large Text (above 18pt) WCAG AA × Fail

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 25.9908, 32.9880, 22.4502 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 25.9908, 32.9880, 22.4502

Background



This preview shows how black text looks on a background with the XYZ color 25.9908, 32.9880, 22.4502.



This preview shows how white text looks on a background with the XYZ color 25.9908, 32.9880,

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

25.9908, 32.9880, 22.4502

Protanopia

30.4845, 32.7646, 20.6371

Deuteranopia

33.3164, 32.7238, 22.9727



Tritanopia

30.0588, 32.7973, 43.2743

Trichromacy



Original Color

25.9908, 32.9880, 22.4502

Protanomaly

28.6874, 32.8295, 21.3477

Deuteranomaly

30.0728, 32.5045, 22.7782

Tritanomaly

28.4040, 32.9076, 34.5605

Monochromacy



Original Color

25.9908, 32.9880, 22.4502

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.4641, 31.0285, 28.5863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9908, 32.9880, 22.4502 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(130, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(130, 165, 119)  
}
```

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(130, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 165, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.9908, 32.9880, 22.4502 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(130, 165, 119) }
```


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

```
.border{ border-color:rgb(130, 165, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 165, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 165, 119); box-shadow:4px 4px 4px 4px rgb(130, 165, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9908, 32.9880, 22.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 165, 119) }
```

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

```
.background{ background-color: rgb(130,  
165, 119) }
```

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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