

Converting Colors

XYZ(22.5452, 26.4836, 12.9494)

Have a look what the booklet for
XYZ(22.5452, 26.4836, 12.9494)
contains.

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Color

**XYZ(22.4932, 26.4279,
12.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9157
RGB	139, 145, 87
RGB Percent	55%, 57%, 34%
CMY	0.4549, 0.4314, 0.6588
CMYK	0.04, 0.00, 0.40, 0.43
HSL	66°, 25%, 45%
HSV	66°, 40%, 57%
XYZ	22.4932, 26.4279, 12.9324
YIQ	136.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

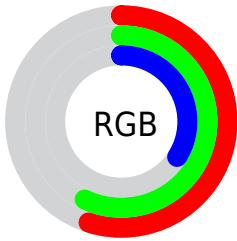
Format	Color
RYB	87, 145, 93
Decimal	9146711
CIELab	58.44, -11.59, 30.04
CIELCh	58, 32.195, 111.107
Yxy	26.4279, 0.3637, 0.4273
Android (android.graphics.Color)	4287336791 (0xFF8B9157)
YUV	136.5940, -24.4498, 2.1101
Hunter-Lab	51.4081, -11.8629, 21.0704

Details

The XYZ color **22.4932, 26.4279, 12.9324** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.0342, 11.1885, 28.2622**, and the grayscale version is **23.7105, 24.9453, 27.1655**.

A 20% lighter version of the original color is **47.0032, 54.0193, 31.9942**, and **8.4997, 10.4123, 3.5693** is the 20% darker color. If you saturate the color by 10%, you get **21.7107, 26.0871, 10.1080**, and if you desaturate by 10%, it is **23.3995, 26.8205, 16.3849**.

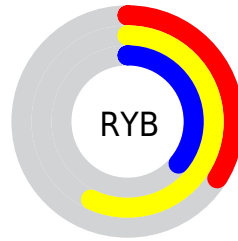
Distribution



Red (55%)

Green (57%)

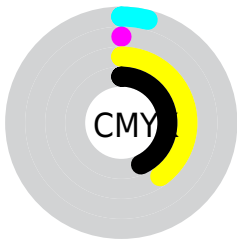
Blue (34%)



Red (34%)

Yellow (57%)

Blue (36%)

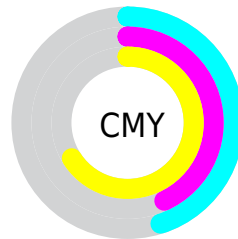


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4932, 26.4279, 12.9324 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 22.4932, 26.4279, 12.9324 by changing the saturation by 10% instead.

■ 22.4932, 26.4279,
12.9324

■ 22.4932, 26.4279,
12.9324

257.6954,
284.8763, 221.6766

■ 14.3384, 17.1440,
7.2518

■ 47.0326, 53.9645,
31.8717

■ 8.4397, 10.3372,
3.5393

■ 64.1479, 72.9859,
45.9675

■ 4.4317, 5.6231,
1.3762

■ 84.9808, 96.0221,
63.7055

■ 1.9491, 2.6173,
0.1230

■ 109.8965,
123.4572, 85.5041

■ 0.6052, 0.9354,
0.0000

■ 139.2605,
155.6759, 111.7820

■ 0.0000, 0.0000,
0.0000

173.4380,

193.0623, 142.9577

212.7946,
236.0010, 179.4497

■ 22.4932, 26.4279,
12.9324

■ 22.4932, 26.4279,
12.9324

■ 21.7107, 26.0871,
10.1080

■ 23.3995, 26.8205,
16.3849

■ 21.0428, 25.7916,
7.8723

■ 24.4342, 27.2639,
20.4984

■ 20.4823, 25.5394,
6.1840

■ 25.6040, 27.7618,
25.3056

■ 20.0201, 25.3270,
4.9958

■ 26.9148, 28.3165,
30.8364

■ 19.6458, 25.1500,
4.2525

■ 28.3717, 28.9300,
37.1192

■ 19.3312, 24.9974,
3.8061

■ 29.9801, 29.6045,
44.1805

■ 31.7446, 30.3419,
52.0459

■ 33.6699, 31.1440,
60.7396

■ 35.7604, 32.0126,
70.2849

Harmonies

Analogous

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



26.3060, 26.4279, 12.2452



22.4932, 26.4279, 12.9324



19.6815, 26.4279, 17.2082

Triad

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



22.4932, 26.4279, 12.9324



20.6643, 26.4279, 49.1348



33.3543, 26.4279, 32.2544

Complementary

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



22.4932, 26.4279, 12.9324



13.0342, 11.1885, 28.2622

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.



31.4756, 26.4279, 44.6255



22.4932, 26.4279, 12.9324



23.9681, 26.4279, 55.9103

Square

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



22.4932, 26.4279, 12.9324



18.7047, 26.4279, 37.2994



27.9414, 26.4279, 54.0738



32.8538, 26.4279, 21.6605

Rectangle

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



22.4932, 26.4279, 12.9324



18.6227, 26.4279, 22.3179



27.9414, 26.4279, 54.0738



32.9734, 26.4279, 36.3721

Sweetspot

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



22.4939, 26.4291, 12.9330



45.3576, 49.5053, 43.2682



17.2951, 14.5022, 10.9048



10.0369, 10.9903, 9.4047



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.



22.4939, 26.4291, 12.9330



39.0092, 46.7729, 18.5581



18.3020, 24.2681, 12.7368



5.7853, 6.2575, 5.7923



16.5927, 21.4464, 3.2651



0.1689, 0.2103, 0.0317

Inverse Universe

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



13.0342, 11.1885, 28.2622



19.6556, 15.5765, 49.9442



16.5176, 12.9843, 28.4252



5.1782, 5.2801, 6.7750



4.5647, 1.8468, 23.0930



0.0518, 0.0219, 0.2212

Previews

White Background



This preview shows how the XYZ color 22.4932, 26.4279, 12.9324 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 22.4932, 26.4279, 12.9324 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

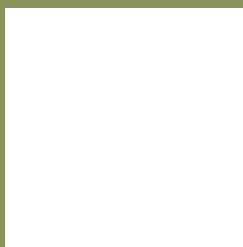
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4932, 26.4279, 12.9324

Background



This preview shows how black text looks on a background with the XYZ color 22.4932, 26.4279, 12.9324.



This preview shows how white text looks on a background with the XYZ color 22.4932, 26.4279,

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

22.4932, 26.4279, 12.9324

Protanopia

24.1546, 26.1843, 12.3753

Deuteranopia

26.6905, 26.2065, 13.1028



Tritanopia

26.3674, 26.4579, 32.1509

Trichromacy



Original Color

22.4932, 26.4279, 12.9324

Protanomaly

23.5655, 26.3138, 12.6411

Deuteranomaly

24.9505, 26.1506, 12.9651

Tritanomaly

24.6185, 26.3958, 23.5360

Monochromacy



Original Color

22.4932, 26.4279, 12.9324

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1891, 25.4914, 21.1509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4932, 26.4279, 12.9324 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(139, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 87)  
}
```

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(139, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 87) }
```

Border

The CSS property to change the border of an element to XYZ 22.4932, 26.4279, 12.9324 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(139, 145, 87) }
```


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

```
.border{ border-color:rgb(139, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 145, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 145, 87); box-shadow:4px 4px 4px 4px rgb(139, 145, 87) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4932, 26.4279, 12.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 87) }
```

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

```
.background{ background-color: rgb(139,  
145, 87) }
```

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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