

Converting Colors

XYZ(22.5360, 26.4244, 10.4869)

Have a look what the booklet for
XYZ(22.5360, 26.4244, 10.4869)
contains.

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Color

**XYZ(22.5507, 26.5096,
10.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	8E914B
RGB	142, 145, 75
RGB Percent	56%, 57%, 29%
CMY	0.4431, 0.4314, 0.7059
CMYK	0.02, 0.00, 0.48, 0.43
HSL	63°, 32%, 43%
HSV	63°, 48%, 57%
XYZ	22.5507, 26.5096, 10.5849
YIQ	136.1230, 20.6820, -22.4060

Conversions

Conversions Part 2

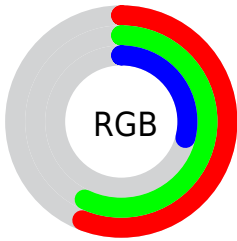
Format	Color
R_{YB}	75, 145, 78
Decimal	9343307
CIE _{Lab}	58.52, -11.66, 36.52
CIE _{LCh}	59, 38.334, 107.710
Yxy	26.5096, 0.3781, 0.4445
Android (android.graphics.Color)	4287533387 (0xFF8E914B)
YUV	136.1230, -30.1336, 5.1541
Hunter-Lab	51.4875, -11.9229, 23.8523

Details

The XYZ color **22.5507, 26.5096, 10.5849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.7697, 8.6968, 27.9007**, and the grayscale version is **23.5524, 24.7789, 26.9843**.

A 20% lighter version of the original color is **47.1511, 54.1978, 27.3781**, and **8.5065, 10.4372, 2.6032** is the 20% darker color. If you saturate the color by 10%, you get **22.0037, 26.2795, 8.2575**, and if you desaturate by 10%, it is **23.2127, 26.7877, 13.5093**.

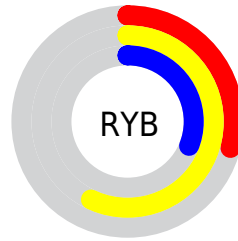
Distribution



Red (56%)

Green (57%)

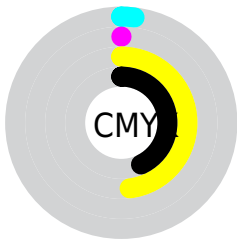
Blue (29%)



Red (29%)

Yellow (57%)

Blue (31%)

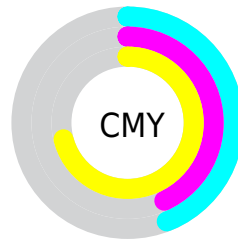


Cyan (2%)

Magenta (0%)

Yellow (48%)

Black (43%)



Cyan (44%)

Magenta (43%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5507, 26.5096, 10.5849 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 22.5507, 26.5096, 10.5849 by changing the saturation by 10% instead.

■ 22.5507, 26.5096,
10.5849

■ 22.5507, 26.5096,
10.5849

257.9875,
285.2748, 205.4313

■ 14.3810, 17.2053,
5.6778

■ 47.1266, 54.0959,
27.5148

■ 8.4696, 10.3809,
2.5846

■ 64.2635, 73.1467,
40.3747

■ 4.4512, 5.6523,
0.8845

■ 85.1202, 96.2151,
56.7226

■ 1.9604, 2.6348,
0.0000

■ 110.0620,
123.6854, 76.9771

■ 0.6116, 0.9442,
0.0000

■ 139.4543,
155.9422, 101.5566

■ 0.0000, 0.0000,
0.0000

173.6624,

193.3698, 130.8798

213.0516,
236.3525, 165.3652

■ 22.5507, 26.5096,
10.5849

■ 22.5507, 26.5096,
10.5849

■ 22.0037, 26.2795,
8.2575

■ 23.2127, 26.7877,
13.5093

■ 21.5621, 26.0906,
6.4844

■ 23.9949, 27.1130,
17.0661

■ 21.2176, 25.9406,
5.2199


■ 24.9043, 27.4893,
21.2901


■ 20.9601, 25.8255,
4.4104


■ 25.9471, 27.9190,
26.2129


■ 20.7685, 25.7368,
3.9449


■ 27.1288, 28.4043,
31.8643

 20.7369, 25.7221,
3.8719

 28.4548, 28.9474,
38.2721

 29.9300, 29.5503,
45.4629

 31.5593, 30.2149,
53.4618

 33.3472, 30.9430,
62.2930

Harmonies

Analogous

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



27.1661, 26.5096, 10.2642



22.5507, 26.5096, 10.5849



19.0948, 26.5096, 14.7361

Triad

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



22.5507, 26.5096, 10.5849



19.6006, 26.5096, 52.5060



35.0791, 26.5096, 34.7208

Complementary

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



22.5507, 26.5096, 10.5849



10.7697, 8.6968, 27.9007

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.



32.4767, 26.5096, 49.9735



22.5507, 26.5096, 10.5849



23.3246, 26.5096, 62.1838

Square

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



22.5507, 26.5096, 10.5849



17.5427, 26.5096, 37.4589



28.0417, 26.5096, 61.1350



34.8046, 26.5096, 21.6967

Rectangle

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



22.5507, 26.5096, 10.5849



17.7371, 26.5096, 20.1319



28.0417, 26.5096, 61.1350



34.4996, 26.5096, 39.8151

Sweetspot

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



22.5513, 26.5108, 10.5855



45.3121, 49.5213, 41.4844



15.6252, 11.8829, 8.1270



10.0017, 10.9842, 8.8592



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.



22.5513, 26.5108, 10.5855



39.3215, 47.0251, 14.4500



17.5403, 23.9275, 10.3509



5.8170, 6.2738, 5.7937



17.7914, 22.0644, 3.3211



0.1747, 0.2133, 0.0320

Inverse Universe

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



10.7697, 8.6968, 27.9007



15.6189, 11.1724, 49.3068



14.3523, 10.5437, 28.0684



5.1497, 5.2653, 6.7737



4.4564, 1.7909, 23.0879



0.0460, 0.0189, 0.2209

Previews

White Background



This preview shows how the XYZ color 22.5507, 26.5096, 10.5849 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 22.5507, 26.5096, 10.5849 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 22.5507, 26.5096, 10.5849

Background



This preview shows how black text looks on a background with the XYZ color 22.5507, 26.5096, 10.5849.



This preview shows how white text looks on a background with the XYZ color 22.5507, 26.5096,

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

22.5507, 26.5096, 10.5849

Protanopia

24.2785, 26.5127, 10.3164

Deuteranopia

26.9135, 26.3709, 10.8793



Tritanopia

26.8686, 26.5135, 31.7185

Trichromacy



Original Color

22.5507, 26.5096, 10.5849

Protanomaly

23.4867, 26.3244, 10.3218

Deuteranomaly

25.1260, 26.2898, 10.7713

Tritanomaly

24.8619, 26.3397, 21.8629

Monochromacy



Original Color

22.5507, 26.5096, 10.5849

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.7511, 25.0834, 19.5621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5507, 26.5096, 10.5849 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(142, 145, 75)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 75)  
}
```

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(142, 145, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 75) }
```

Border

The CSS property to change the border of an element to XYZ 22.5507, 26.5096, 10.5849 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(142, 145, 75) }
```


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

```
.border{ border-color:rgb(142, 145, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 145, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 75);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5507, 26.5096, 10.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 75) }
```

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

```
.background{ background-color: rgb(142,  
145, 75) }
```

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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