

Converting Colors

XYZ(22.5524, 26.7040, 14.4342)

Have a look what the booklet for
XYZ(22.5524, 26.7040, 14.4342)
contains.

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Color

**XYZ(22.5712, 26.6664,
14.3134)**

Conversions

Conversions Part 1

Format	Color
Hex	89925D
RGB	137, 146, 93
RGB Percent	54%, 57%, 36%
CMY	0.4627, 0.4274, 0.6353
CMYK	0.06, 0.00, 0.36, 0.43
HSL	70°, 22%, 47%
HSV	70°, 36%, 57%
XYZ	22.5712, 26.6664, 14.3134
YIQ	137.2670, 11.6490, -18.3910

Conversions

Conversions Part 2

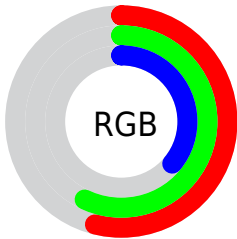
Format	Color
R_{YB}	93, 146, 102
Decimal	9015901
CIE _{Lab}	58.66, -12.20, 27.04
CIE _{LCh}	59, 29.663, 114.284
Yxy	26.6664, 0.3552, 0.4196
Android (android.graphics.Color)	4287205981 (0xFF89925D)
YUV	137.2670, -21.8236, -0.2342
Hunter-Lab	51.6395, -12.3483, 19.7137

Details

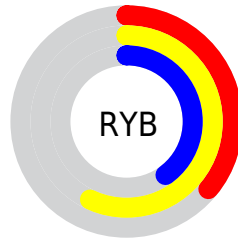
The XYZ color **22.5712, 26.6664, 14.3134** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5831, 12.7294, 28.8840**, and the grayscale version is **23.9564, 25.2040, 27.4472**.

A 20% lighter version of the original color is **47.1742, 54.3985, 34.3992**, and **8.5138, 10.5414, 4.1707** is the 20% darker color. If you saturate the color by 10%, you get **21.5837, 26.2259, 11.2079**, and if you desaturate by 10%, it is **23.6929, 27.1635, 18.0708**.

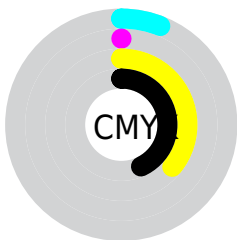
Distribution



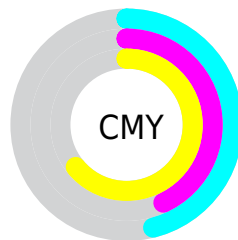
- Red (54%)
- Green (57%)
- Blue (36%)



- Red (36%)
- Yellow (57%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5712, 26.6664, 14.3134 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 22.5712, 26.6664, 14.3134 by changing the saturation by 10% instead.

■ 22.5712, 26.6664,
14.3134

■ 22.5712, 26.6664,
14.3134

258.0915,
286.0382, 230.6677

■ 14.3962, 17.3228,
8.1977

■ 47.1601, 54.3481,
34.3692

■ 8.4803, 10.4649,
4.1321

■ 64.3047, 73.4550,
49.1464

■ 4.4581, 5.7083,
1.6981

■ 85.1699, 96.5851,
67.6478

■ 1.9644, 2.6685,
0.3594

■ 110.1210,
124.1229, 90.2920

■ 0.6139, 0.9612,
0.0000

139.5233,
156.4527, 117.4976

■ 0.0000, 0.0000,
0.0000

173.7423,

193.9589, 149.6830

213.1432,
237.0260, 187.2669

■ 22.5712, 26.6664,
14.3134

■ 22.5712, 26.6664,
14.3134

■ 21.5837, 26.2259,
11.2079

■ 23.6929, 27.1635,
18.0708

■ 20.7212, 25.8355,
8.7155

■ 24.9534, 27.7163,
22.5127

■ 19.9766, 25.4934,
6.7958

■ 26.3593, 28.3284,
27.6714

■ 19.3412, 25.1960,
5.4031

■ 27.9165, 29.0020,
33.5766

■ 18.8049, 24.9393,
4.4845

■ 29.6303, 29.7395,
40.2566

■ 18.3520, 24.7170,
3.9587

■ 31.5059, 30.5427,
47.7379

■ 18.1930, 24.6385,
3.7968

■ 33.5481, 31.4137,
56.0460

■ 35.7615, 32.3544,
65.2052

■ 38.1508, 33.3665,
75.2387

Harmonies

Analogous

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



26.0500, 26.6664, 13.2927



22.5712, 26.6664, 14.3134



20.0706, 26.6664, 18.8236

Triad

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



22.5712, 26.6664, 14.3134



21.4706, 26.6664, 48.5707



32.9783, 26.6664, 31.0804

Complementary

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



22.5712, 26.6664, 14.3134



14.5831, 12.7294, 28.8840

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.



31.4723, 26.6664, 42.3990



22.5712, 26.6664, 14.3134



24.6540, 26.6664, 53.9360

Square

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



22.5712, 26.6664, 14.3134



19.4790, 26.6664, 38.0968



28.3385, 26.6664, 51.4425



32.2856, 26.6664, 21.5381

Rectangle

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



22.5712, 26.6664, 14.3134



19.1801, 26.6664, 23.9308



28.3385, 26.6664, 51.4425



32.7083, 26.6664, 34.8182

Sweetspot

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



22.5719, 26.6676, 14.3140



45.2453, 49.4272, 44.1737



18.5657, 16.3720, 12.5379



10.0004, 10.9673, 9.5893



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.



22.5719, 26.6676, 14.3140



38.3064, 46.3674, 20.4772



18.7692, 24.7073, 14.1360



6.1698, 6.6953, 6.2076



16.0253, 21.6892, 3.3418



0.2167, 0.2761, 0.0419

Inverse Universe

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



14.5831, 12.7294, 28.8840



21.9877, 17.8787, 50.2656



18.0558, 14.5197, 29.0465



5.5859, 5.6775, 7.2712



4.9281, 2.0131, 24.0599



0.0776, 0.0335, 0.2953

Previews

White Background



This preview shows how the XYZ color 22.5712, 26.6664, 14.3134 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 22.5712, 26.6664, 14.3134 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

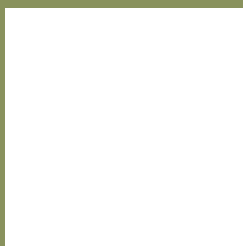
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5712, 26.6664, 14.3134

Background



This preview shows how black text looks on a background with the XYZ color 22.5712, 26.6664, 14.3134.



This preview shows how white text looks on a background with the XYZ color 22.5712, 26.6664,

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

22.5712, 26.6664, 14.3134

Protanopia

24.5501, 26.5774, 13.7336

Deuteranopia

27.0917, 26.5892, 14.5308



Tritanopia

26.2392, 26.5965, 32.6048

Trichromacy



Original Color

22.5712, 26.6664, 14.3134

Protanomaly

23.7868, 26.6207, 14.0098

Deuteranomaly

25.1576, 26.4415, 14.3674

Tritanomaly

24.6200, 26.5937, 24.6044

Monochromacy



Original Color

22.5712, 26.6664, 14.3134

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1458, 25.4550, 21.7826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5712, 26.6664, 14.3134 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(137, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(137, 146, 93)  
}
```

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(137, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 146, 93) }
```

Border

The CSS property to change the border of an element to XYZ 22.5712, 26.6664, 14.3134 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(137, 146, 93) }
```


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

```
.border{ border-color:rgb(137, 146, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 146, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(137, 146,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5712, 26.6664, 14.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 146, 93) }
```

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

```
.background{ background-color: rgb(137,  
146, 93) }
```

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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