

Converting Colors

XYZ(25.5507, 30.1662, 22.8883)

Have a look what the booklet for
XYZ(25.5507, 30.1662, 22.8883)
contains.

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Color

**XYZ(25.5507, 30.1662,
22.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	899B7A
RGB	137, 155, 122
RGB Percent	54%, 61%, 48%
CMY	0.4627, 0.3921, 0.5216
CMYK	0.12, 0.00, 0.21, 0.39
HSL	93°, 14%, 54%
HSV	93°, 21%, 61%
XYZ	25.5507, 30.1662, 22.8883
YIQ	145.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

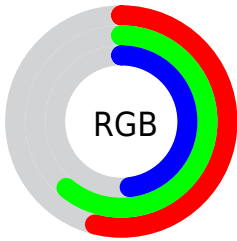
Format	Color
RYB	122, 155, 140
Decimal	9018234
CIELab	61.80, -12.64, 15.22
CIELCh	62, 19.780, 129.716
Yxy	30.1662, 0.3251, 0.3838
Android (android.graphics.Color)	4287208314 (0xFF899B7A)
YUV	145.8560, -11.7610, -7.7667
Hunter-Lab	54.9238, -13.0779, 13.7388

Details

The XYZ color **25.5507, 30.1662, 22.8883** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.6924, 21.8619, 33.9830**, and the grayscale version is **27.3100, 28.7322, 31.2894**.

A 20% lighter version of the original color is **52.0242, 59.7724, 49.3527**, and **10.0834, 12.4079, 8.1668** is the 20% darker color. If you saturate the color by 10%, you get **23.3339, 29.1266, 18.1648**, and if you desaturate by 10%, it is **28.0310, 31.3258, 28.4251**.

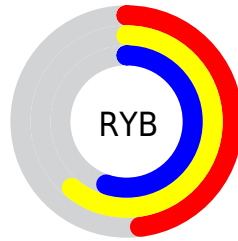
Distribution



Red (54%)

Green (61%)

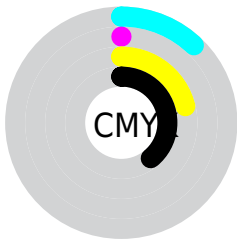
Blue (48%)



Red (48%)

Yellow (61%)

Blue (55%)

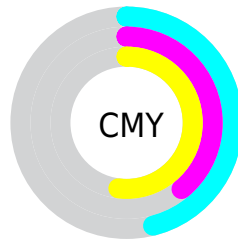


Cyan (12%)

Magenta (0%)

Yellow (21%)

Black (39%)



Cyan (46%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5507, 30.1662, 22.8883 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 25.5507, 30.1662, 22.8883 by changing the saturation by 10% instead.

■ 25.5507, 30.1662,
22.8883

■ 25.5507, 30.1662,
22.8883

272.8668,
302.6784, 280.2541

■ 16.6187, 19.9648,
14.3065

■ 51.9857, 59.9249,
49.1307

■ 10.0566, 12.3694,
8.1930

■ 70.2195, 80.2510,
67.6284

■ 5.4991, 6.9958,
4.1291

■ 92.2845, 104.7207,
90.2686

■ 2.5807, 3.4595,
1.6965

118.5462,
133.7186, 117.4696

■ 0.9361, 1.3761,
0.3583

149.3700,
167.6288, 149.6502

■ 0.0000, 0.1990,
0.0000

185.1211,

■ 0.0000, 0.0000,

206.8360, 187.2287

0.0000

226.1649,
251.7244, 230.6238

■ 25.5507, 30.1662,
22.8883

■ 25.5507, 30.1662,
22.8883

■ 23.3339, 29.1266,
18.1648

■ 28.0310, 31.3258,
28.4251

■ 21.3684, 28.1987,
14.2143

■ 30.7815, 32.6053,
34.8089

■ 19.6447, 27.3796,
10.9961

■ 33.8118, 34.0098,
42.0741

■ 18.1515, 26.6643,
8.4650

■ 37.1300, 35.5428,
50.2524

■ 16.8765, 26.0476,
6.5706

■ 40.7442, 37.2078,
59.3740

■ 15.8061, 25.5237,
5.2558

■ 44.6618, 39.0081,
69.4677

■ 14.9243, 25.0860,
4.4533

■ 48.8902, 40.9467,
80.5611

■ 14.2801, 24.7627,
4.0270

■ 53.4363, 43.0268,
92.6808

■ 57.2419, 44.8252,
100.2429

Harmonies

Analogous

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



27.8243, 30.1662, 20.5043



25.5507, 30.1662, 22.8883



24.1714, 30.1662, 28.0614

Triad

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



25.5507, 30.1662, 22.8883



26.9488, 30.1662, 48.4478



33.9695, 30.1662, 30.4542

Complementary

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



25.5507, 30.1662, 22.8883



23.6924, 21.8619, 33.9830

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.



33.6994, 30.1662, 38.1454



25.5507, 30.1662, 22.8883



29.5369, 30.1662, 49.3510

Square

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



25.5507, 30.1662, 22.8883



24.9436, 30.1662, 43.0332



32.0378, 30.1662, 45.3393



32.7547, 30.1662, 24.4084

Rectangle

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



25.5507, 30.1662, 22.8883



23.8917, 30.1662, 32.7738



32.0378, 30.1662, 45.3393



34.0509, 30.1662, 32.9180

Sweetspot

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



25.5515, 30.1675, 22.8890



52.6851, 57.2563, 56.6257



26.3513, 27.0143, 22.2382



11.8589, 12.9289, 12.6636



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.5515, 30.1675, 22.8890



43.6289, 53.0260, 36.3999



23.3297, 29.0142, 23.1429



6.3855, 7.0562, 6.6313



11.5123, 19.9107, 3.2364



0.2133, 0.3189, 0.0503

Inverse Universe

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



23.6924, 21.8619, 33.9830



39.6335, 35.1793, 60.2377



26.3027, 23.2182, 33.6250



6.1903, 6.1840, 7.7963



7.7731, 3.4582, 25.1655



0.1581, 0.0733, 0.3782

Previews

White Background



This preview shows how the XYZ color 25.5507, 30.1662, 22.8883 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 25.5507, 30.1662, 22.8883 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 25.5507, 30.1662, 22.8883

Background



This preview shows how black text looks on a background with the XYZ color 25.5507, 30.1662, 22.8883.



This preview shows how white text looks on a background with the XYZ color 25.5507, 30.1662,

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

25.5507, 30.1662, 22.8883

Protanopia

28.1778, 30.0959, 21.7767

Deuteranopia

30.4738, 29.8708, 23.2283



Tritanopia

28.7556, 30.2610, 38.5078

Trichromacy



Original Color

25.5507, 30.1662, 22.8883

Protanomaly

27.0345, 29.9733, 22.1299

Deuteranomaly

28.3069, 29.6684, 22.9735

Tritanomaly

27.4792, 30.2258, 31.9896

Monochromacy



Original Color

25.5507, 30.1662, 22.8883

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5905, 29.1407, 27.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5507, 30.1662, 22.8883 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, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(137, 155, 122)  
}
```

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, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 155, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.5507, 30.1662, 22.8883 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, 155, 122) }
```


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

```
.border{ border-color:rgb(137, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(137, 155,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5507, 30.1662, 22.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 155, 122) }
```

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

```
.background{ background-color: rgb(137,  
155, 122) }
```

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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