

Converting Colors

XYZ(25.5284, 25.9833, 22.1022)

Have a look what the booklet for
XYZ(25.5284, 25.9833, 22.1022)
contains.

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Color

**XYZ(25.5954, 26.0688,
22.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	99897A
RGB	153, 137, 122
RGB Percent	60%, 54%, 48%
CMY	0.4000, 0.4627, 0.5216
CMYK	0.00, 0.10, 0.20, 0.40
HSL	29°, 13%, 54%
HSV	29°, 20%, 60%
XYZ	25.5954, 26.0688, 22.0951
YIQ	140.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

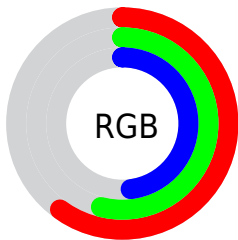
Format	Color
R_{YB}	153, 151, 122
Decimal	10062202
CIE _{Lab}	58.10, 3.48, 10.23
CIE _{LCh}	58, 10.809, 71.240
Yxy	26.0688, 0.3470, 0.3534
Android (android.graphics.Color)	4288252282 (0xFF99897A)
YUV	140.0740, -8.9105, 11.3361
Hunter-Lab	51.0576, 0.1320, 10.0827

Details

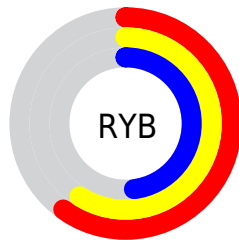
The XYZ color **25.5954, 26.0688, 22.0951** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8641, 24.6138, 33.6831**, and the grayscale version is **24.9862, 26.2875, 28.6271**.

A 20% lighter version of the original color is **52.0659, 53.2928, 47.5868**, and **10.0903, 10.1222, 7.7253** is the 20% darker color. If you saturate the color by 10%, you get **23.6397, 23.5568, 17.1286**, and if you desaturate by 10%, it is **27.7839, 28.8071, 27.8763**.

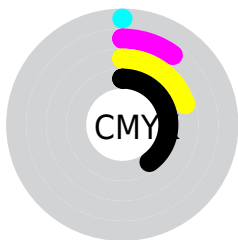
Distribution



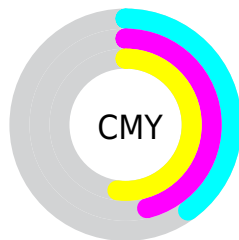
- Red (60%)
- Green (54%)
- Blue (48%)



- Red (60%)
- Yellow (59%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5954, 26.0688, 22.0951 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 25.5954, 26.0688, 22.0951 by changing the saturation by 10% instead.

■ 25.5954, 26.0688,
22.0951

■ 25.5954, 26.0688,
22.0951

273.0835,
283.1196, 276.0122

■ 16.6523, 16.8751,
13.7278

■ 52.0575, 53.3859,
47.8073

■ 10.0807, 10.1455,
7.7950

■ 70.3071, 72.2781,
65.9894

■ 5.5151, 5.4955,
3.8782

■ 92.3897, 95.1720,
88.2800

■ 2.5904, 2.5408,
1.5588

118.6705,
122.4519, 115.0979

■ 0.9411, 0.8970,
0.2611

149.5150,
154.5022, 146.8615

■ 0.0000, 0.0000,
0.0000

185.2884,

191.7073, 183.9894

226.3561,
234.4517, 226.9001

■ 25.5954, 26.0688,
22.0951

■ 25.5954, 26.0688,
22.0951

■ 23.6397, 23.5568,
17.1286

■ 27.7839, 28.8071,
27.8763

■ 21.9060, 21.2613,
12.9377

■ 30.2114, 31.7743,
34.5053

■ 20.3857, 19.1770,
9.4830

■ 32.8863, 34.9772,
42.0155

■ 19.0687, 17.2967,
6.7204

■ 35.8160, 38.4213,
50.4380

■ 17.9440, 15.6130,
4.6013

■ 39.0075, 42.1120,
59.8022

■ 16.9991, 14.1176,
3.0708

■ 42.4677, 46.0543,
70.1365

■ 16.2200, 12.8016,
2.0643

■ 46.2030, 50.2533,
81.4677

■ 15.5890, 11.6764,
1.4321

■ 50.2198, 54.7137,
93.8218

■ 53.7576, 59.1337,
103.1884

Harmonies

Analogous

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



26.7176, 26.0688, 23.8955



25.5954, 26.0688, 22.0951



24.2905, 26.0688, 21.8888

Triad

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



25.5954, 26.0688, 22.0951



22.3914, 26.0688, 29.8120



26.4731, 26.0688, 34.1534

Complementary

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



25.5954, 26.0688, 22.0951



22.8641, 24.6138, 33.6831

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.



25.2712, 26.0688, 36.0527



25.5954, 26.0688, 22.0951



22.9339, 26.0688, 33.4032

Square

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



25.5954, 26.0688, 22.0951



22.4713, 26.0688, 26.1302



23.9774, 26.0688, 35.7667



27.2365, 26.0688, 30.7649

Rectangle

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



25.5954, 26.0688, 22.0951



23.4958, 26.0688, 22.6599



23.9774, 26.0688, 35.7667



26.1052, 26.0688, 35.0001

Sweetspot

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



25.5961, 26.0700, 22.0956



51.5056, 53.7407, 54.6530



24.6853, 22.5272, 27.0985



11.3180, 11.7991, 11.9185



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.5961, 26.0700, 22.0956



44.3136, 44.7435, 35.6488



27.9568, 30.7914, 22.8825



6.4431, 6.6914, 6.5578



12.9171, 9.7166, 1.1947



0.2293, 0.2176, 0.0299

Inverse Universe

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



22.8641, 24.6138, 33.6831



38.5757, 41.6850, 59.9848



20.7993, 20.4841, 32.9948



6.1348, 6.5270, 7.8655



7.0936, 6.5839, 25.8046



0.1425, 0.1712, 0.3979

Previews

White Background



This preview shows how the XYZ color 25.5954, 26.0688, 22.0951 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 25.5954, 26.0688, 22.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

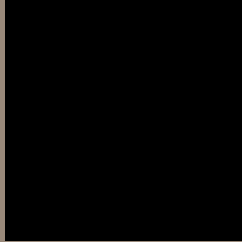
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

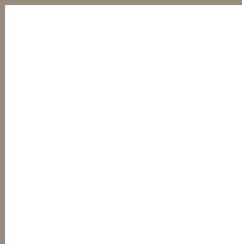
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5954, 26.0688, 22.0951

Background



This preview shows how black text looks on a background with the XYZ color 25.5954, 26.0688, 22.0951.



This preview shows how white text looks on a background with the XYZ color 25.5954, 26.0688,

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

25.5954, 26.0688, 22.0951

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.4749, 26.1040, 22.0556



Tritanopia

27.2694, 26.1317, 29.9922

Trichromacy



Original Color

25.5954, 26.0688, 22.0951

Protanomaly

25.0581, 25.9966, 22.4360

Deuteranomaly

26.2216, 26.1816, 22.0839

Tritanomaly

26.6255, 26.0741, 26.9220

Monochromacy



Original Color

25.5954, 26.0688, 22.0951

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1433, 26.1784, 25.9180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5954, 26.0688, 22.0951 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(153, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 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(153, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.5954, 26.0688, 22.0951 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(153, 137, 122) }
```


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

```
.border{ border-color:rgb(153, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5954, 26.0688, 22.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 122) }
```

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

```
.background{ background-color: rgb(153,  
137, 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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