

Converting Colors

XYZ(22.3377, 24.4930, 7.5385)

Have a look what the booklet for
XYZ(22.3377, 24.4930, 7.5385)
contains.

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Color

**XYZ(22.3304, 24.4931,
7.5537)**

Conversions

Conversions Part 1

Format	Color
Hex	97883A
RGB	151, 136, 58
RGB Percent	59%, 53%, 23%
CMY	0.4078, 0.4667, 0.7725
CMYK	0.00, 0.10, 0.62, 0.41
HSL	50°, 44%, 41%
HSV	50°, 62%, 59%
XYZ	22.3304, 24.4931, 7.5537
YIQ	131.5930, 33.9780, -21.0780

Conversions

Conversions Part 2

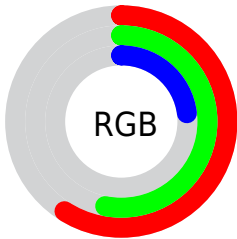
Format	Color
R_{YB}	76, 151, 58
Decimal	9930810
CIE _{Lab}	56.58, -4.31, 42.96
CIE _{LCh}	57, 43.171, 95.733
Yxy	24.4931, 0.4107, 0.4504
Android (android.graphics.Color)	4288120890 (0xFF97883A)
YUV	131.5930, -36.2813, 17.0199
Hunter-Lab	49.4905, -6.0682, 25.5940

Details

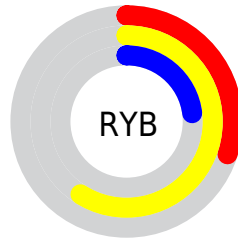
The XYZ color **22.3304, 24.4931, 7.5537** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7134, 7.8988, 30.2908**, and the grayscale version is **21.9039, 23.0447, 25.0956**.

A 20% lighter version of the original color is **46.6365, 50.7433, 21.5238**, and **8.3599, 9.3665, 1.4822** is the 20% darker color. If you saturate the color by 10%, you get **21.6624, 23.6843, 5.7059**, and if you desaturate by 10%, it is **23.1200, 25.3648, 9.9985**.

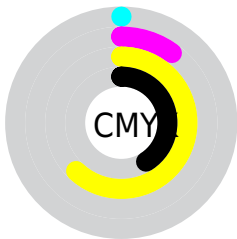
Distribution



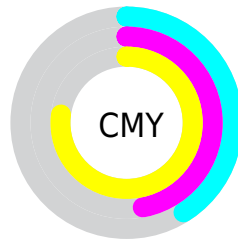
- Red (59%)
- Green (53%)
- Blue (23%)



- Red (30%)
- Yellow (59%)
- Blue (23%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (41%)





- Cyan (41%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3304, 24.4931, 7.5537 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 22.3304, 24.4931, 7.5537 by changing the saturation by 10% instead.


 22.3304, 24.4931,
7.5537


 22.3304, 24.4931,
7.5537


256.8669,
275.3040, 181.9902


 14.2178, 15.6998,
3.7271


 46.7663, 50.8337,
21.6103


 8.3550, 9.3120,
1.4768


 63.8203, 69.1498,
32.6773


 4.3767, 4.9452,
0.2006

 84.5855, 91.4089,
46.9949

 1.9174, 2.2152,
0.0000

 109.4273,
117.9954, 64.9816

 0.5869, 0.7282,
0.0000

 138.7109,
149.2939, 87.0560

 0.0000, 0.0000,
0.0000

 172.8019,

185.6885, 113.6365

212.0654,
227.5638, 145.1417

■ 22.3304, 24.4931,
7.5537

■ 22.3304, 24.4931,
7.5537

■ 21.6624, 23.6843,
5.7059

■ 23.1200, 25.3648,
9.9985

■ 21.1041, 22.9309,
4.4000

■ 24.0386, 26.2998,
13.0859

■ 20.6439, 22.2290,
3.5734

■ 25.0947, 27.3024,
16.8589

■ 20.3069, 21.6681,
3.1121

■ 26.2958, 28.3757,
21.3563

■ 27.6488, 29.5225,
26.6138

■ 29.1600, 30.7455,
32.6651

■ 30.8356, 32.0471,
39.5416

■ 32.6811, 33.4298,
47.2731

■ 34.7019, 34.8956,
55.8879

Harmonies

Analogous

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



27.4699, 24.4931, 8.5901



22.3304, 24.4931, 7.5537



18.0928, 24.4931, 9.9520

Triad

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



22.3304, 24.4931, 7.5537



16.3001, 24.4931, 46.2547



33.2179, 24.4931, 39.6974

Complementary

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



22.3304, 24.4931, 7.5537



9.7134, 7.8988, 30.2908

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.



29.3744, 24.4931, 55.9352



22.3304, 24.4931, 7.5537



19.5393, 24.4931, 60.5759

Square

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



22.3304, 24.4931, 7.5537



14.9468, 24.4931, 29.5222



24.2561, 24.4931, 64.6392



34.2466, 24.4931, 24.0055

Rectangle

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



22.3304, 24.4931, 7.5537



16.1888, 24.4931, 13.9509



24.2561, 24.4931, 64.6392



32.1878, 24.4931, 45.4245

Sweetspot

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



22.3310, 24.4943, 7.5542



47.8445, 51.4657, 41.1337



15.4950, 10.0934, 7.5225



10.7305, 11.5735, 8.7957



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.



22.3310, 24.4943, 7.5542



38.3831, 41.8789, 9.1983



19.5762, 26.4318, 8.0734



6.6241, 7.0532, 6.6181



17.2929, 18.4682, 2.6533



0.2785, 0.3161, 0.0463

Inverse Universe

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



9.7134, 7.8988, 30.2908



13.8525, 9.6686, 53.5698



11.2190, 7.3846, 30.1122



5.9610, 6.1793, 7.8075



5.0509, 2.4985, 25.1237



0.0934, 0.0730, 0.3815

Previews

White Background



This preview shows how the XYZ color 22.3304, 24.4931, 7.5537 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 22.3304, 24.4931, 7.5537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

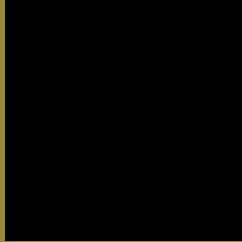
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3304, 24.4931, 7.5537

Background



This preview shows how black text looks on a background with the XYZ color 22.3304, 24.4931, 7.5537.



This preview shows how white text looks on a background with the XYZ color 22.3304, 24.4931,

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

22.3304, 24.4931, 7.5537

Protanopia

22.3304, 24.4931, 7.5537

Deuteranopia

24.8143, 24.3516, 7.6674



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

22.3304, 24.4931, 7.5537

Protanomaly

22.3304, 24.4931, 7.5537

Deuteranomaly

23.9410, 24.4997, 7.6048

Tritanomaly

24.3942, 24.3053, 17.8737

Monochromacy



Original Color

22.3304, 24.4931, 7.5537

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5848, 23.2839, 16.7212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3304, 24.4931, 7.5537 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(151, 136, 58)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 58)  
}
```

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(151, 136, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 58) }
```

Border

The CSS property to change the border of an element to XYZ 22.3304, 24.4931, 7.5537 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(151, 136, 58) }
```


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

```
.border{ border-color:rgb(151, 136, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 58);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3304, 24.4931, 7.5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 58) }
```

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

```
.background{ background-color: rgb(151,  
136, 58) }
```

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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