

Converting Colors

XYZ(27.5159, 30.4025, 22.2471)

Have a look what the booklet for
XYZ(27.5159, 30.4025, 22.2471)
contains.

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Color

**XYZ(27.5673, 30.4879,
22.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	989878
RGB	152, 152, 120
RGB Percent	60%, 60%, 47%
CMY	0.4039, 0.4039, 0.5294
CMYK	0.00, 0.00, 0.21, 0.40
HSL	60°, 13%, 53%
HSV	60°, 21%, 60%
XYZ	27.5673, 30.4879, 22.2011
YIQ	148.3520, 10.2720, -9.9520

Conversions

Conversions Part 2

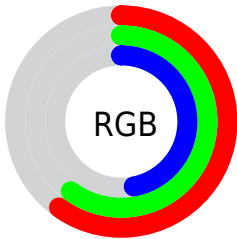
Format	Color
RYB	120, 152, 120
Decimal	10000504
CIELab	62.07, -5.55, 16.89
CIELCh	62, 17.781, 108.192
Yxy	30.4879, 0.3435, 0.3799
Android (android.graphics.Color)	4288190584 (0xFF989878)
YUV	148.3520, -13.9775, 3.1993
Hunter-Lab	55.2158, -7.5091, 14.8119

Details

The XYZ color **27.5673, 30.4879, 22.2011** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1308, 19.6938, 32.4477**, and the grayscale version is **28.3496, 29.8259, 32.4805**.

A 20% lighter version of the original color is **55.2498, 60.3866, 47.7735**, and **11.1578, 12.5290, 7.7915** is the 20% darker color. If you saturate the color by 10%, you get **26.7171, 30.1488, 17.7222**, and if you desaturate by 10%, it is **28.5655, 30.8883, 27.4527**.

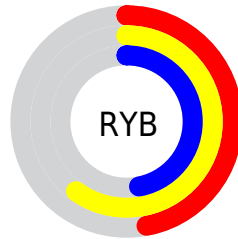
Distribution



Red (60%)

Green (60%)

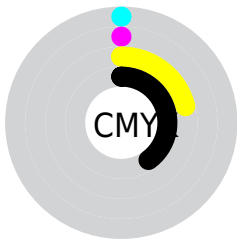
Blue (47%)



Red (47%)

Yellow (60%)

Blue (47%)

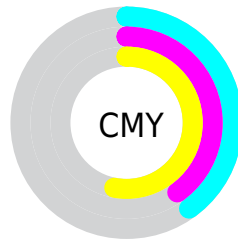


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5673, 30.4879, 22.2011 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 27.5673, 30.4879, 22.2011 by changing the saturation by 10% instead.

■ 27.5673, 30.4879,
22.2011

■ 27.5673, 30.4879,
22.2011

282.5112,
304.1721, 276.5824

■ 18.1385, 20.2092,
13.8050

■ 55.2064, 60.4329,
47.9846

■ 11.1498, 12.5472,
7.8480

■ 74.1474, 80.8680,
66.2091

■ 6.2357, 7.1175,
3.9114

■ 96.9898, 105.4574,
88.5468

■ 3.0309, 3.5357,
1.5769

124.0990,
134.5854, 115.4162

■ 1.1701, 1.4174,
0.2742

155.8405,
168.6365, 147.2360

■ 0.0826, 0.2295,
0.0000

192.5794,

■ 0.0000, 0.0000,

207.9951, 184.4245

0.0000

234.6812,
253.0455, 227.4005

■ 27.5673, 30.4879,
22.2011

■ 27.5673, 30.4879,
22.2011

■ 26.7171, 30.1488,
17.7222

■ 28.5655, 30.8883,
27.4527

■ 26.0058, 29.8643,
13.9777

■ 29.7159, 31.3484,
33.5089

■ 25.4265, 29.6325,
10.9290


■ 31.0252, 31.8722,
40.4022


■ 24.9713, 29.4504,
8.5333


■ 32.4993, 32.4619,
48.1630


■ 24.6310, 29.3143,
6.7428


■ 34.1435, 33.1196,
56.8196


 24.3954, 29.2200,
5.5037


 35.9630, 33.8474,
66.3997

 24.2524, 29.1627,
4.7521

 37.9628, 34.6474,
76.9293

 24.1756, 29.1320,
4.3488

 40.1478, 35.5214,
88.4335

 42.2304, 36.3545,
99.3991

Harmonies

Analogous

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



29.9280, 30.4879, 21.9124



27.5673, 30.4879, 22.2011



25.6870, 30.4879, 25.1758

Triad

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



27.5673, 30.4879, 22.2011



26.0222, 30.4879, 43.9991



33.7107, 30.4879, 35.9617

Complementary

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



27.5673, 30.4879, 22.2011



20.1308, 19.6938, 32.4477

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.



32.5383, 30.4879, 42.7610



27.5673, 30.4879, 22.2011



28.0480, 30.4879, 47.8099

Square

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



27.5673, 30.4879, 22.2011



24.8293, 30.4879, 37.4749



30.4357, 30.4879, 47.3280



33.5644, 30.4879, 29.2561

Rectangle

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



27.5673, 30.4879, 22.2011



24.9189, 30.4879, 28.5448



30.4357, 30.4879, 47.3280



33.4552, 30.4879, 38.3272

Sweetspot

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



27.5681, 30.4893, 22.2017



51.3863, 54.9051, 53.5502



23.0565, 21.4651, 20.6977



11.6526, 12.4685, 12.0300



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.



27.5681, 30.4893, 22.2017



47.9609, 53.5349, 35.5173



24.7729, 29.0483, 22.0709



6.7089, 7.2229, 6.6464



20.2697, 24.4253, 3.6462



0.3030, 0.3652, 0.0545

Inverse Universe

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



20.1308, 19.6938, 32.4477



32.5589, 31.1785, 56.7357



22.5382, 20.9348, 32.5603



5.8845, 6.0264, 7.7820



4.7523, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 27.5673, 30.4879, 22.2011 looks on a white background.

Color Contrast Check

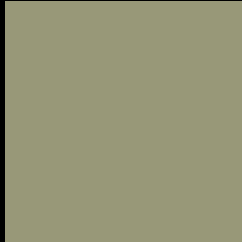
Large Text (above 18pt) WCAG AA × Fail

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 27.5673, 30.4879, 22.2011 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 27.5673, 30.4879, 22.2011

Background



This preview shows how black text looks on a background with the XYZ color 27.5673, 30.4879, 22.2011.



This preview shows how white text looks on a background with the XYZ color 27.5673, 30.4879,

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

27.5673, 30.4879, 22.2011

Protanopia

28.5342, 30.5155, 21.8389

Deuteranopia

30.9417, 30.3503, 22.6398



Tritanopia

30.5099, 30.5042, 36.6276

Trichromacy



Original Color

27.5673, 30.4879, 22.2011

Protanomaly

28.1067, 30.5330, 21.8648

Deuteranomaly

29.6108, 30.3549, 22.3876

Tritanomaly

29.2991, 30.4771, 30.7240

Monochromacy



Original Color

27.5673, 30.4879, 22.2011

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7293, 29.7194, 28.3197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5673, 30.4879, 22.2011 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(152, 152, 120)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 120)  
}
```

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(152, 152, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.5673, 30.4879, 22.2011 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(152, 152, 120) }
```


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

```
.border{ border-color:rgb(152, 152, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 120);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5673, 30.4879, 22.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 120) }
```

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

```
.background{ background-color: rgb(152,  
152, 120) }
```

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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