

Converting Colors

XYZ(22.8389, 28.0653, 27.7902)

Have a look what the booklet for
XYZ(22.8389, 28.0653, 27.7902)
contains.

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Color

**XYZ(22.9768, 28.2334,
27.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	739989
RGB	115, 153, 137
RGB Percent	45%, 60%, 54%
CMY	0.5490, 0.4000, 0.4627
CMYK	0.25, 0.00, 0.10, 0.40
HSL	155°, 16%, 53%
HSV	155°, 25%, 60%
XYZ	22.9768, 28.2334, 27.9055
YIQ	139.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

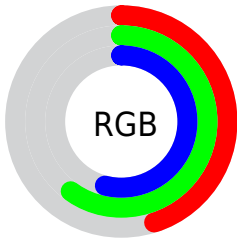
Format	Color
R_{YB}	115, 139, 153
Decimal	7575945
CIE _{Lab}	60.10, -16.54, 4.17
CIE _{LCh}	60, 17.056, 165.865
Yxy	28.2334, 0.2904, 0.3569
Android (android.graphics.Color)	4285766025 (0xFF739989)
YUV	139.8140, -1.3873, -21.7619
Hunter-Lab	53.1351, -15.7991, 6.0567

Details

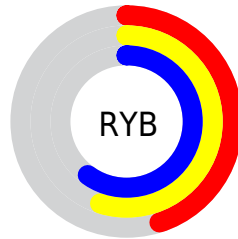
The XYZ color **22.9768, 28.2334, 27.9055** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3653, 20.6732, 24.2327**, and the grayscale version is **24.8657, 26.1607, 28.4890**.

A 20% lighter version of the original color is **47.7555, 56.6682, 57.1363**, and **8.7184, 11.3491, 10.7479** is the 20% darker color. If you saturate the color by 10%, you get **20.6811, 27.1025, 25.4575**, and if you desaturate by 10%, it is **25.6356, 29.5498, 30.5158**.

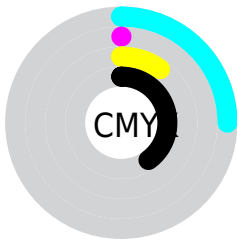
Distribution



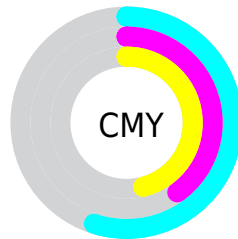
- Red (45%)
- Green (60%)
- Blue (54%)



- Red (45%)
- Yellow (55%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9768, 28.2334, 27.9055 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 22.9768, 28.2334, 27.9055 by changing the saturation by 10% instead.

■ 22.9768, 28.2334,
27.9055

■ 22.9768, 28.2334,
27.9055

260.1434,
293.5805, 305.9128

■ 14.6970, 18.5017,
18.0160

■ 47.8222, 56.8569,
57.3548

■ 8.6919, 11.3108,
10.7919

■ 65.1184, 76.5174,
77.7517

■ 4.5963, 6.2763,
5.8147

■ 86.1509, 100.2563,
102.4882

■ 2.0447, 3.0138,
2.6658

111.2849,
128.4580, 131.9828

■ 0.6589, 1.1389,
0.9261

140.8857,
161.5069, 166.6540

■ 0.0000, 0.0110,
0.0000

175.3189,

■ 0.0000, 0.0000,

199.7873, 206.9203

0.0000

214.9496,
243.6837, 253.2004

■ 22.9768, 28.2334,
27.9055

■ 22.9768, 28.2334,
27.9055

■ 20.6811, 27.1025,
25.4575

■ 25.6356, 29.5498,
30.5158

■ 18.7293, 26.1450,
23.1666

■ 28.6710, 31.0564,
33.2897

■ 17.1037, 25.3526,
21.0300

■ 32.0987, 32.7619,
36.2308

■ 15.7843, 24.7150,
19.0441

■ 35.9325, 34.6734,
39.3421

■ 14.7485, 24.2207,
17.2052

■ 40.1859, 36.7978,
42.6265

■ 13.9706, 23.8564,
15.5093

■ 44.8715, 39.1416,
46.0869

■ 13.4181, 23.6054,
13.9519

■ 50.0015, 41.7109,
49.7258

■ 13.1771, 23.4976,
13.1991

■ 55.5875, 44.5119,
53.5462

■ 61.6408, 47.5501,
57.5504

Harmonies

Analogous

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



23.9413, 28.2334, 23.1257



22.9768, 28.2334, 27.9055



23.0063, 28.2334, 34.1366

Triad

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



22.9768, 28.2334, 27.9055



27.9957, 28.2334, 43.7759



29.8569, 28.2334, 22.9147

Complementary

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



22.9768, 28.2334, 27.9055



23.3653, 20.6732, 24.2327

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.



31.0665, 28.2334, 27.5791



22.9768, 28.2334, 27.9055



29.9530, 28.2334, 39.8685

Square

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



22.9768, 28.2334, 27.9055



25.8256, 28.2334, 43.8945



31.1026, 28.2334, 33.7631



27.8704, 28.2334, 20.5194

Rectangle

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



22.9768, 28.2334, 27.9055



23.5834, 28.2334, 38.3140



31.1026, 28.2334, 33.7631



30.3725, 28.2334, 24.2387

Sweetspot

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



22.9776, 28.2346, 27.9061



50.0323, 54.9642, 58.4460



23.9192, 28.8841, 20.5346



10.9838, 12.1049, 12.8480



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.



22.9776, 28.2346, 27.9061



38.7043, 49.3568, 47.4159



23.8019, 27.9078, 34.2706



6.2745, 6.9825, 7.3689



10.9071, 19.4263, 10.9974



0.1812, 0.2977, 0.2599

Inverse Universe

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



23.3653, 20.6732, 24.2327



39.5257, 33.3536, 39.6454



22.6558, 20.8580, 19.0520



6.3113, 6.2637, 7.0195



11.6483, 5.9135, 4.6729



0.1917, 0.0954, 0.1625

Previews

White Background



This preview shows how the XYZ color 22.9768, 28.2334, 27.9055 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 22.9768, 28.2334, 27.9055 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 22.9768, 28.2334, 27.9055

Background



This preview shows how black text looks on a background with the XYZ color 22.9768, 28.2334, 27.9055.

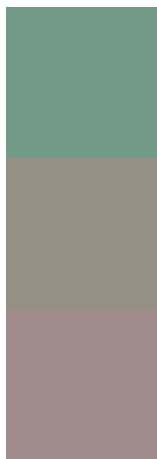


This preview shows how white text looks on a background with the XYZ color 22.9768, 28.2334,

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

22.9768, 28.2334, 27.9055

Protanopia

26.7158, 28.0965, 25.8449

Deuteranopia

28.6089, 28.1232, 28.7314



Tritanopia

24.9262, 28.0612, 37.8208

Trichromacy



Original Color

22.9768, 28.2334, 27.9055

Protanomaly

25.0533, 27.9070, 26.6204

Deuteranomaly

26.2872, 28.0442, 28.4537

Tritanomaly

24.0451, 27.9312, 33.8297

Monochromacy



Original Color

22.9768, 28.2334, 27.9055

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1457, 26.9402, 28.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9768, 28.2334, 27.9055 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(115, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 137)  
}
```

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(115, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.9768, 28.2334, 27.9055 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(115, 153, 137) }
```


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

```
.border{ border-color:rgb(115, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(115, 153,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9768, 28.2334, 27.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 137) }
```

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

```
.background{ background-color: rgb(115,  
153, 137) }
```

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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