

Converting Colors

XYZ(27.6626, 39.2092, 23.0324)

Have a look what the booklet for
XYZ(27.6626, 39.2092, 23.0324)
contains.

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Color

**XYZ(27.6875, 39.3472,
22.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	75B875
RGB	117, 184, 117
RGB Percent	46%, 72%, 46%
CMY	0.5412, 0.2784, 0.5412
CMYK	0.36, 0.00, 0.36, 0.28
HSL	120°, 32%, 59%
HSV	120°, 36%, 72%
XYZ	27.6875, 39.3472, 22.9651
YIQ	156.3290, -18.4250, -35.0410

Conversions

Conversions Part 2

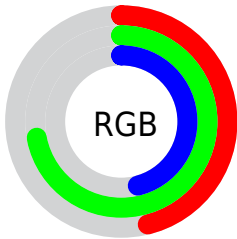
Format	Color
RYB	117, 184, 184
Decimal	7714933
CIELab	69.00, -34.94, 27.50
CIELCh	69, 44.465, 141.789
Yxy	39.3472, 0.3076, 0.4372
Android (android.graphics.Color)	4285905013 (0xFF75B875)
YUV	156.3290, -19.3892, -34.4915
Hunter-Lab	62.7273, -30.9840, 22.2025

Details

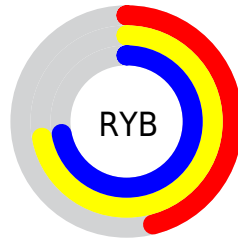
The XYZ color **27.6875, 39.3472, 22.9651** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7815, 26.3744, 48.6065**, and the grayscale version is **31.8376, 33.4957, 36.4768**.

A 20% lighter version of the original color is **55.2104, 73.8804, 49.3807**, and **11.1404, 17.4726, 8.2542** is the 20% darker color. If you saturate the color by 10%, you get **24.4764, 37.8059, 17.7121**, and if you desaturate by 10%, it is **31.5992, 41.2274, 29.3626**.

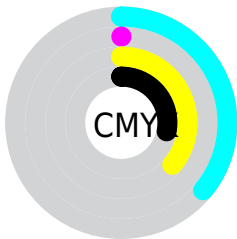
Distribution



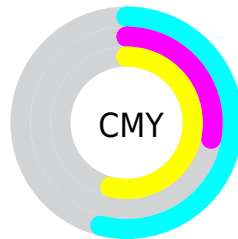
- Red (46%)
- Green (72%)
- Blue (46%)



- Red (46%)
- Yellow (72%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6875, 39.3472, 22.9651 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 27.6875, 39.3472, 22.9651 by changing the saturation by 10% instead.

■ 27.6875, 39.3472,
22.9651

■ 27.6875, 39.3472,
22.9651

283.0779,
343.3644, 280.6618

■ 18.2295, 27.0299,
14.3627

■ 55.3973, 74.1684,
49.2585

■ 11.2155, 17.5957,
8.2317

■ 74.3797, 97.4412,
67.7865

■ 6.2804, 10.6601,
4.1537

■ 97.2677, 125.1345,
90.4602

■ 3.0586, 5.8388,
1.7100

124.4266,
157.6329, 117.6980

■ 1.1848, 2.7473,
0.3676

156.2217,
195.3207, 149.9186

■ 0.0943, 1.0013,
0.0000

193.0183,

■ 0.0000, 0.0000,

238.5823, 187.5403

0.0000

235.1820,
287.8020, 230.9819

■ 27.6875, 39.3472,
22.9651

■ 27.6875, 39.3472,
22.9651

■ 24.4764, 37.8059,
17.7121

■ 31.5992, 41.2274,
29.3626

■ 21.9219, 36.5789,
13.5336

■ 36.2462, 43.4596,
36.9637

■ 19.9794, 35.6458,
10.3562


■ 41.6648, 46.0624,
45.8266


■ 18.5978, 34.9821,
8.0963


■ 47.8875, 49.0515,
56.0051


■ 17.7176, 34.5593,
6.6566


■ 54.9455, 52.4418,
67.5496

 17.2600, 34.3395,
5.9081

 62.8679, 56.2473,
80.5081

 17.1413, 34.2825,
5.7138

 71.6827, 60.4815,
94.9262

 76.4312, 62.7625,
102.6937

Harmonies

Analogous

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



32.5685, 39.3472, 15.8762



27.6875, 39.3472, 22.9651



25.4758, 39.3472, 37.5109

Triad

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



27.6875, 39.3472, 22.9651



35.4872, 39.3472, 94.1878



51.5199, 39.3472, 29.9368

Complementary

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



27.6875, 39.3472, 22.9651



34.7815, 26.3744, 48.6065

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.



52.5583, 39.3472, 48.6566



27.6875, 39.3472, 22.9651



42.6835, 39.3472, 90.2108

Square

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



27.6875, 39.3472, 22.9651



29.5924, 39.3472, 81.3672



49.1495, 39.3472, 71.7734



46.4687, 39.3472, 18.9264

Rectangle

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



27.6875, 39.3472, 22.9651



25.5903, 39.3472, 51.3134



49.1495, 39.3472, 71.7734



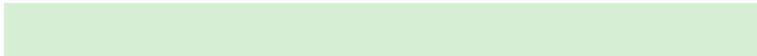
52.3733, 39.3472, 35.3591

Sweetspot

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



27.6885, 39.3489, 22.9660



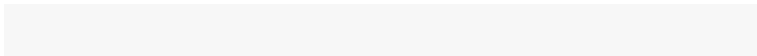
70.6617, 81.1607, 75.1142



40.1202, 45.7576, 23.5475



14.9511, 17.3611, 15.7317



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6885, 39.3489, 22.9660



45.2598, 68.9589, 33.5646



30.0231, 40.2827, 35.2597



8.8904, 10.0601, 9.5802



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



34.7815, 26.3744, 48.6065



60.0740, 41.8606, 87.1172



31.6750, 25.1319, 32.2482



9.3810, 9.1628, 11.3536



19.5859, 9.4081, 32.0359



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 27.6875, 39.3472, 22.9651 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 27.6875, 39.3472, 22.9651 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 27.6875, 39.3472, 22.9651

Background



This preview shows how black text looks on a background with the XYZ color 27.6875, 39.3472, 22.9651.



This preview shows how white text looks on a background with the XYZ color 27.6875, 39.3472,

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

27.6875, 39.3472, 22.9651

Protanopia

36.1085, 39.0761, 20.3912

Deuteranopia

39.5464, 38.9006, 23.8366



Tritanopia

33.8754, 39.1594, 53.9172

Trichromacy



Original Color

27.6875, 39.3472, 22.9651

Protanomaly

32.2172, 38.7335, 21.4011

Deuteranomaly

33.9403, 38.1670, 23.3474

Tritanomaly

31.1354, 38.9208, 40.5218

Monochromacy



Original Color

27.6875, 39.3472, 22.9651

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

29.6740, 34.9762, 30.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6875, 39.3472, 22.9651 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(117, 184, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 184, 117)  
}
```

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(117, 184, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 184, 117) }
```

Border

The CSS property to change the border of an element to XYZ 27.6875, 39.3472, 22.9651 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(117, 184, 117) }
```


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

```
.border{ border-color:rgb(117, 184, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 184, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 184, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 184, 117); box-shadow:4px 4px 4px 4px rgb(117, 184, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6875, 39.3472, 22.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 184, 117) }
```

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

```
.background{ background-color: rgb(117,  
184, 117) }
```

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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