

Converting Colors

XYZ(24.0427, 28.2673, 29.3882)

Have a look what the booklet for
XYZ(24.0427, 28.2673, 29.3882)
contains.

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Color

**XYZ(24.0427, 28.2673,
29.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	7B978D
RGB	123, 151, 141
RGB Percent	48%, 59%, 55%
CMY	0.5176, 0.4078, 0.4471
CMYK	0.19, 0.00, 0.07, 0.41
HSL	159°, 12%, 54%
HSV	159°, 19%, 59%
XYZ	24.0427, 28.2673, 29.3882
YIQ	141.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

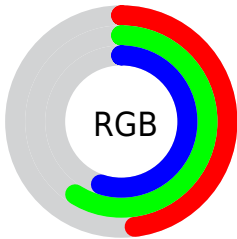
Format	Color
R_{YB}	123, 140, 151
Decimal	8099725
CIE _{Lab}	60.13, -11.93, 2.01
CIE _{LCh}	60, 12.095, 170.450
Yxy	28.2673, 0.2943, 0.3460
Android (android.graphics.Color)	4286289805 (0xFF7B978D)
YUV	141.4880, -0.2406, -16.2140
Hunter-Lab	53.1670, -12.3226, 4.4442

Details

The XYZ color $24.0427, 28.2673, 29.3882$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.0801, 22.4394, 25.2537$, and the grayscale version is $25.5145, 26.8432, 29.2323$.

A 20% lighter version of the original color is $49.5861, 56.8329, 59.9861$, and $9.2695, 11.3255, 11.5950$ is the 20% darker color. If you saturate the color by 10%, you get $21.6555, 27.0827, 27.2326$, and if you desaturate by 10%, it is $26.7843, 29.6339, 31.6637$.

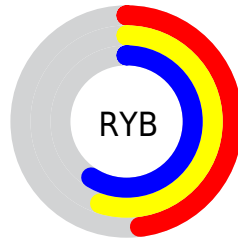
Distribution



Red (48%)

Green (59%)

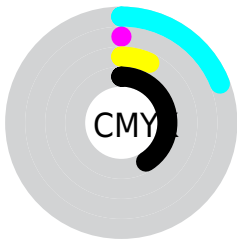
Blue (55%)



Red (48%)

Yellow (55%)

Blue (59%)

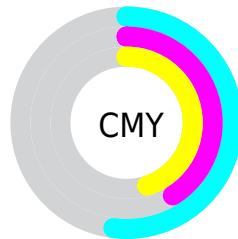


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0427, 28.2673, 29.3882 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 24.0427, 28.2673, 29.3882 by changing the saturation by 10% instead.

■ 24.0427, 28.2673,
29.3882

■ 24.0427, 28.2673,
29.3882

265.4728,
293.7420, 313.1603

■ 15.4902, 18.5273,
19.1266

■ 49.5540, 56.9109,
59.7428

■ 9.2527, 11.3292,
11.5840

■ 67.2436, 76.5833,
80.6729

■ 4.9648, 6.2887,
6.3420

■ 88.7096, 100.3352,
105.9962

■ 2.2612, 3.0214,
2.9820

114.3173,
128.5511, 136.1313

■ 0.7747, 1.1429,
1.0855

144.4321,
161.6153, 171.4967

■ 0.0000, 0.0143,
0.0000

179.4194,

■ 0.0000, 0.0000,

199.9122, 212.5110

0.0000

219.6445,
243.8263, 259.5927

■ 24.0427, 28.2673,
29.3882

■ 24.0427, 28.2673,
29.3882

■ 21.6555, 27.0827,
27.2326

■ 26.7843, 29.6339,
31.6637

■ 19.6048, 26.0685,
25.1927

■ 29.8924, 31.1864,
34.0592

■ 17.8747, 25.2174,
23.2670

■ 33.3814, 32.9329,
36.5774

■ 16.4470, 24.5201,
21.4531

■ 37.2644, 34.8802,
39.2202

■ 15.3017, 23.9662,
19.7485

■ 41.5538, 37.0346,
41.9895

■ 14.4162, 23.5442,
18.1507

■ 46.2612, 39.4021,
44.8873

■ 13.7642, 23.2404,
16.6567

■ 51.3980, 41.9885,
47.9152

■ 13.2922, 23.0275,
15.2624

■ 56.9750, 44.7994,
51.0751

■ 13.2279, 22.9986,
15.0672

■ 61.5518, 47.0922,
54.3008

Harmonies

Analogous

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



24.6409, 28.2673, 25.6723



24.0427, 28.2673, 29.3882



24.1786, 28.2673, 33.8478

Triad

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



24.0427, 28.2673, 29.3882



27.9187, 28.2673, 39.4586



28.8037, 28.2673, 24.6728

Complementary

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



24.0427, 28.2673, 29.3882



24.0801, 22.4394, 25.2537

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.



29.7481, 28.2673, 27.9002



24.0427, 28.2673, 29.3882



29.2237, 28.2673, 36.5201

Square

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



24.0427, 28.2673, 29.3882



26.3774, 28.2673, 39.9543



29.9047, 28.2673, 32.2115



27.3631, 28.2673, 23.1271

Rectangle

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



24.0427, 28.2673, 29.3882



24.6693, 28.2673, 36.6350



29.9047, 28.2673, 32.2115



29.1920, 28.2673, 25.5816

Sweetspot

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



24.0435, 28.2685, 29.3888



49.2529, 53.7108, 57.7229



24.3577, 28.5729, 22.9706



11.1231, 12.1721, 13.0635



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.



24.0435, 28.2685, 29.3888



41.3170, 49.7581, 51.0997



24.2305, 27.3970, 33.2907



6.2908, 6.9891, 7.4550



11.2666, 19.5701, 12.8906



0.1857, 0.2995, 0.2834

Inverse Universe

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



24.0801, 22.4394, 25.2537



41.3947, 37.4643, 42.3808



23.8935, 23.1200, 21.9426



6.2954, 6.2573, 6.9357



11.4352, 5.8283, 3.5509



0.1873, 0.0937, 0.1390

Previews

White Background



This preview shows how the XYZ color 24.0427, 28.2673, 29.3882 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 24.0427, 28.2673, 29.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

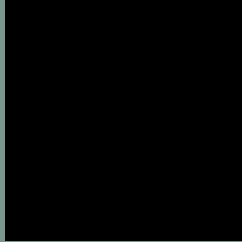
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

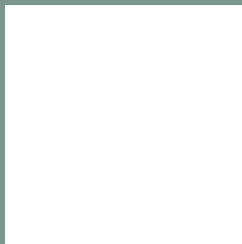
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0427, 28.2673, 29.3882

Background



This preview shows how black text looks on a background with the XYZ color 24.0427, 28.2673, 29.3882.



This preview shows how white text looks on a background with the XYZ color 24.0427, 28.2673,

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

24.0427, 28.2673, 29.3882

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

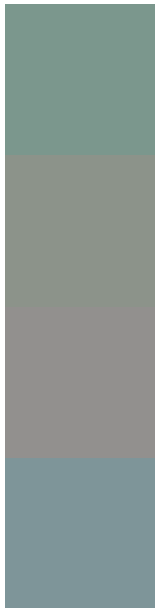
28.6341, 28.1103, 29.9032



Tritanopia

25.6875, 28.2299, 37.3527

Trichromacy



Original Color

24.0427, 28.2673, 29.3882

Protanomaly

25.8364, 28.2779, 28.1412

Deuteranomaly

26.7098, 28.0105, 29.5900

Tritanomaly

25.1014, 28.2304, 34.2630

Monochromacy



Original Color

24.0427, 28.2673, 29.3882

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7646, 27.2422, 29.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0427, 28.2673, 29.3882 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(123, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(123, 151, 141)  
}
```

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(123, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 151, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.0427, 28.2673, 29.3882 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(123, 151, 141) }
```


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

```
.border{ border-color:rgb(123, 151, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(123, 151,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0427, 28.2673, 29.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 151, 141) }
```

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

```
.background{ background-color: rgb(123,  
151, 141) }
```

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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