

Converting Colors

XYZ(24.0251, 27.7980, 34.2363)

Have a look what the booklet for
XYZ(24.0251, 27.7980, 34.2363)
contains.

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Color

**XYZ(24.1273, 27.9642,
34.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	769699
RGB	118, 150, 153
RGB Percent	46%, 59%, 60%
CMY	0.5373, 0.4118, 0.4000
CMYK	0.23, 0.02, 0.00, 0.40
HSL	185°, 15%, 53%
HSV	185°, 23%, 60%
XYZ	24.1273, 27.9642, 34.2630
YIQ	140.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

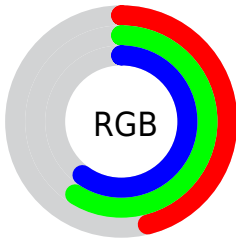
Format	Color
R_{YB}	118, 135, 153
Decimal	7771801
CIE _{Lab}	59.86, -10.38, -5.25
CIE _{LCh}	60, 11.631, 206.823
Yxy	27.9642, 0.2794, 0.3238
Android (android.graphics.Color)	4285961881 (0xFF769699)
YUV	140.7740, 6.0274, -19.9728
Hunter-Lab	52.8812, -11.1006, -1.3986

Details

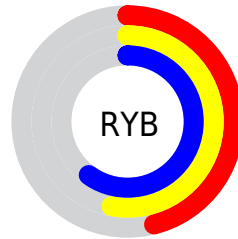
The XYZ color **24.1273, 27.9642, 34.2630** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.2444, 21.7549, 20.1139**, and the grayscale version is **25.2124, 26.5254, 28.8861**.

A 20% lighter version of the original color is **49.6499, 56.3487, 67.2910**, and **9.2440, 11.1119, 14.2280** is the 20% darker color. If you saturate the color by 10%, you get **22.0081, 26.5637, 34.1048**, and if you desaturate by 10%, it is **26.5876, 29.5454, 34.4390**.

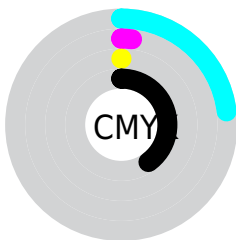
Distribution



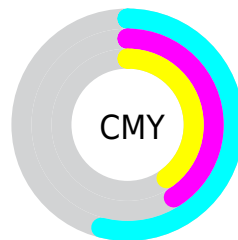
- Red (46%)
- Green (59%)
- Blue (60%)



- Red (46%)
- Yellow (53%)
- Blue (60%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1273, 27.9642, 34.2630 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 24.1273, 27.9642, 34.2630 by changing the saturation by 10% instead.

■ 24.1273, 27.9642,
34.2630

■ 24.1273, 27.9642,
34.2630

265.8920,
292.2958, 336.1081

■ 15.5533, 18.2987,
22.8167

■ 49.6910, 56.4273,
67.4810

■ 9.2975, 11.1646,
14.2542

■ 67.4115, 75.9936,
90.0898

■ 4.9944, 6.1777,
8.1569

■ 88.9115, 99.6290,
117.2566

■ 2.2787, 2.9534,
4.1063

114.5564,
127.7179, 149.3998

■ 0.7837, 1.1075,
1.6838

144.7115,
160.6446, 186.9380

■ 0.0000, 0.0000,
0.3496

179.7422,

■ 0.0000, 0.0000,

198.7936, 230.2897

0.0000

220.0140,
242.5492, 279.8736

■ 24.1273, 27.9642,
34.2630

■ 24.1273, 27.9642,
34.2630

■ 22.0081, 26.5637,
34.1048

■ 26.5876, 29.5454,
34.4390

■ 20.2112, 25.3321,
33.9618

■ 29.4015, 31.3117,
34.6316

■ 18.7199, 24.2615,
33.8338

■ 32.5842, 33.2717,
34.8422

■ 17.5149, 23.3419,
33.7198

■ 36.1491, 35.4321,
35.0713

■ 16.5747, 22.5623,
33.6189

■ 40.1089, 37.7996,
35.3196

■ 15.8749, 21.9101,
33.5298

■ 44.4759, 40.3806,
35.5876

■ 15.3864, 21.3701,
33.4514

■ 49.2615, 43.1810,
35.8759

■ 15.1128, 21.0259,
33.3993

■ 54.4771, 46.2065,
36.1850

■ 59.8746, 49.3293,
36.5033

Harmonies

Analogous

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



23.8464, 27.9642, 30.0002



24.1273, 27.9642, 34.2630



25.0569, 27.9642, 37.7663

Triad

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



24.1273, 27.9642, 34.2630



29.0247, 27.9642, 35.1136



26.7366, 27.9642, 23.0360

Complementary

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



24.1273, 27.9642, 34.2630



23.2444, 21.7549, 20.1139

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.



28.1618, 27.9642, 24.1425



24.1273, 27.9642, 34.2630



29.5131, 27.9642, 30.9007

Square

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



24.1273, 27.9642, 34.2630



27.8797, 27.9642, 38.2884



29.1917, 27.9642, 26.9277



25.3196, 27.9642, 23.7588

Rectangle

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



24.1273, 27.9642, 34.2630



25.9377, 27.9642, 39.0627



29.1917, 27.9642, 26.9277



27.2310, 27.9642, 23.2037

Sweetspot

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



24.1281, 27.9653, 34.2636



50.4265, 54.6849, 61.8694



22.3089, 28.0129, 22.2940



11.0769, 12.0387, 13.6574



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.



24.1281, 27.9653, 34.2636



41.3677, 48.8739, 61.2253



21.5520, 22.8131, 33.4049



6.3393, 6.9360, 7.9336



12.5023, 17.4012, 27.6075



0.1984, 0.2831, 0.4166

Inverse Universe

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



25.1209, 21.9317, 31.7648



43.4536, 36.3480, 55.9416



25.5557, 26.3775, 20.8844



6.4384, 6.3145, 7.6887



14.7693, 7.1620, 21.1081



0.2266, 0.1094, 0.3461

Previews

White Background



This preview shows how the XYZ color 24.1273, 27.9642, 34.2630 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 24.1273, 27.9642, 34.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

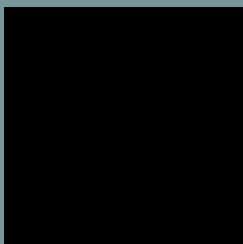
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

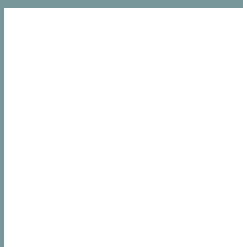
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1273, 27.9642, 34.2630

Background



This preview shows how black text looks on a background with the XYZ color 24.1273, 27.9642, 34.2630.



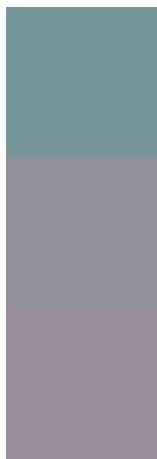
This preview shows how white text looks on a background with the XYZ color 24.1273, 27.9642,

34.2630.

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

24.1273, 27.9642, 34.2630

Protanopia

26.9243, 27.8346, 32.3873

Deuteranopia

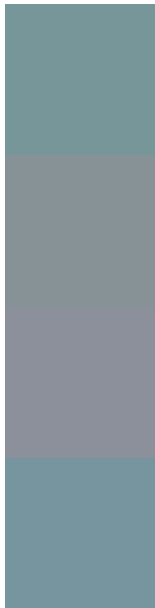
28.4313, 27.8950, 34.8961



Tritanopia

24.9262, 28.0612, 37.8208

Trichromacy



Original Color

24.1273, 27.9642, 34.2630

Protanomaly

25.7756, 27.9107, 32.8829

Deuteranomaly

26.6212, 27.8551, 34.5453

Tritanomaly

24.5268, 27.8855, 36.4375

Monochromacy



Original Color

24.1273, 27.9642, 34.2630

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7570, 26.9774, 30.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1273, 27.9642, 34.2630 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(118, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 150, 153)  
}
```

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(118, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 150, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.1273, 27.9642, 34.2630 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(118, 150, 153) }
```


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

```
.border{ border-color:rgb(118, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(118, 150,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1273, 27.9642, 34.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 150, 153) }
```

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

```
.background{ background-color: rgb(118,  
150, 153) }
```

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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