

Converting Colors

XYZ(24.7558, 27.8811, 34.2142)

Have a look what the booklet for
XYZ(24.7558, 27.8811, 34.2142)
contains.

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Color

**XYZ(24.6519, 27.7648,
34.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9499
RGB	124, 148, 153
RGB Percent	49%, 58%, 60%
CMY	0.5137, 0.4196, 0.4000
CMYK	0.19, 0.03, 0.00, 0.40
HSL	190°, 12%, 54%
HSV	190°, 19%, 60%
XYZ	24.6519, 27.7648, 34.1968
YIQ	141.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

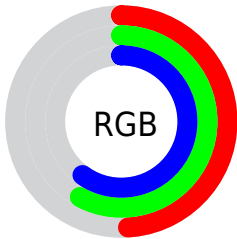
Format	Color
RYB	124, 137, 153
Decimal	8164505
CIELab	59.68, -7.32, -5.47
CIELCh	60, 9.142, 216.771
Yxy	27.7648, 0.2846, 0.3206
Android (android.graphics.Color)	4286354585 (0xFF7C9499)
YUV	141.3940, 5.7218, -15.2545
Hunter-Lab	52.6923, -8.7010, -1.5940

Details

The XYZ color **24.6519, 27.7648, 34.1968** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6255, 23.9282, 22.3902**, and the grayscale version is **25.4555, 26.7812, 29.1647**.

A 20% lighter version of the original color is **50.5145, 56.0932, 67.1962**, and **9.5746, 11.0046, 14.1898** is the 20% darker color. If you saturate the color by 10%, you get **22.2014, 25.8951, 33.9655**, and if you desaturate by 10%, it is **27.4566, 29.8325, 34.4485**.

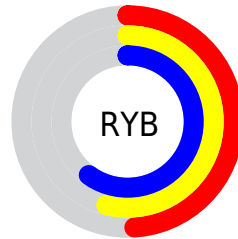
Distribution



Red (49%)

Green (58%)

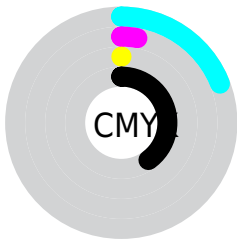
Blue (60%)



Red (49%)

Yellow (54%)

Blue (60%)

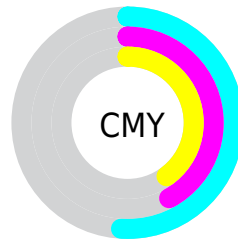


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6519, 27.7648, 34.1968 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 24.6519, 27.7648, 34.1968 by changing the saturation by 10% instead.

■ 24.6519, 27.7648,
34.1968

■ 24.6519, 27.7648,
34.1968

268.4796,
291.3413, 335.8046

■ 15.9452, 18.1484,
22.7662

■ 50.5389, 56.1087,
67.3770

■ 9.5760, 11.0566,
14.2173

■ 68.4500, 75.6051,
89.9637

■ 5.1789, 6.1049,
8.1315

■ 90.1599, 99.1635,
117.1062

■ 2.3884, 2.9090,
4.0902

116.0340,
127.1685, 149.2230

■ 0.8393, 1.0844,
1.6750

146.4377,
160.0043, 186.7328

■ 0.0000, 0.0000,
0.3435

181.7363,

■ 0.0000, 0.0000,

198.0555, 230.0539

0.0000

222.2952,
241.7064, 279.6050

■ 24.6519, 27.7648,
34.1968

■ 24.6519, 27.7648,
34.1968

■ 22.2014, 25.8951,
33.9655

■ 27.4566, 29.8325,
34.4485

■ 20.0867, 24.2118,
33.7521

■ 30.6278, 32.1024,
34.7195

■ 18.2916, 22.7071,
33.5562

■ 34.1803, 34.5832,
35.0111

■ 16.7976, 21.3712,
33.3771

■ 38.1274, 37.2815,
35.3239

■ 15.5840, 20.1935,
33.2138

■ 42.4814, 40.2041,
35.6585

■ 14.6277, 19.1620,
33.0651

■ 47.2546, 43.3571,
36.0156

■ 13.9014, 18.2625,
32.9297

■ 52.4583, 46.7466,
36.3955

■ 13.3473, 17.4651,
32.8050

■ 58.1037, 50.3784,
36.7990

■ 13.2917, 17.3836,
32.7922

■ 61.6921, 52.9645,
37.1090

Harmonies

Analogous

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



24.2471, 27.7648, 30.9866



24.6519, 27.7648, 34.1968



25.5242, 27.7648, 36.4545

Triad

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



24.6519, 27.7648, 34.1968



28.4815, 27.7648, 32.8072



26.1289, 27.7648, 24.3499

Complementary

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



24.6519, 27.7648, 34.1968



24.6255, 23.9282, 22.3902

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.



27.2744, 27.7648, 24.7597



24.6519, 27.7648, 34.1968



28.6548, 27.7648, 29.4881

Square

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



24.6519, 27.7648, 34.1968



27.7402, 27.7648, 35.6123



28.2071, 27.7648, 26.5846



25.0836, 27.7648, 25.4214

Rectangle

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



24.6519, 27.7648, 34.1968



26.2648, 27.7648, 37.0296



28.2071, 27.7648, 26.5846



26.5148, 27.7648, 24.3203

Sweetspot

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



24.6527, 27.7659, 34.1974



50.7131, 54.5407, 61.8265



23.6554, 28.6486, 24.9945



11.1274, 11.9923, 13.6458



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.



24.6527, 27.7659, 34.1974



42.0972, 48.1745, 61.0518



22.5417, 23.5439, 33.4937



6.2940, 6.8453, 7.9185



11.0065, 14.4096, 27.1089



0.1856, 0.2576, 0.4123

Inverse Universe

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



25.6905, 23.3264, 31.1666



44.3486, 38.7233, 54.4361



26.6481, 27.9732, 23.0644



6.4155, 6.3054, 7.5682



14.0143, 6.8600, 17.1323



0.2202, 0.1068, 0.3122

Previews

White Background



This preview shows how the XYZ color 24.6519, 27.7648, 34.1968 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 24.6519, 27.7648, 34.1968 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

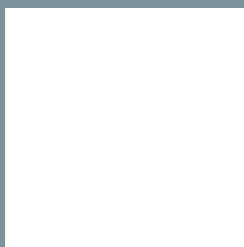
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6519, 27.7648, 34.1968

Background



This preview shows how black text looks on a background with the XYZ color 24.6519, 27.7648, 34.1968.

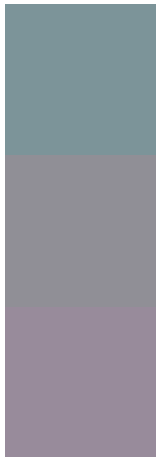


This preview shows how white text looks on a background with the XYZ color 24.6519, 27.7648,

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

24.6519, 27.7648, 34.1968

Protanopia

26.8291, 27.7762, 32.8015

Deuteranopia

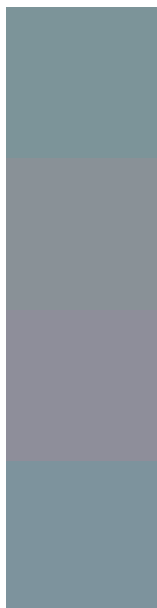
28.0979, 27.5072, 34.8388



Tritanopia

25.1492, 27.7306, 36.8279

Trichromacy



Original Color

24.6519, 27.7648, 34.1968

Protanomaly

26.0278, 27.8035, 33.2730

Deuteranomaly

26.6611, 27.4299, 34.4612

Tritanomaly

24.9770, 27.6617, 35.9211

Monochromacy



Original Color

24.6519, 27.7648, 34.1968

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0758, 27.1417, 30.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6519, 27.7648, 34.1968 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(124, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(124, 148, 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(124, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.6519, 27.7648, 34.1968 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(124, 148, 153) }
```


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

```
.border{ border-color:rgb(124, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(124, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6519, 27.7648, 34.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 148, 153) }
```

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

```
.background{ background-color: rgb(124,  
148, 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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