

Converting Colors

XYZ(24.5668, 27.6309, 32.2898)

Have a look what the booklet for
XYZ(24.5668, 27.6309, 32.2898)
contains.

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Color

**XYZ(24.4627, 27.4730,
32.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9395
RGB	126, 147, 149
RGB Percent	49%, 58%, 58%
CMY	0.5059, 0.4235, 0.4157
CMYK	0.15, 0.01, 0.00, 0.42
HSL	185°, 10%, 54%
HSV	185°, 15%, 58%
XYZ	24.4627, 27.4730, 32.4473
YIQ	140.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

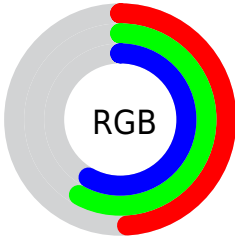
Format	Color
R_{YB}	126, 137, 149
Decimal	8295317
CIE _{Lab}	59.41, -6.99, -3.57
CIE _{LCh}	59, 7.853, 207.055
Yxy	27.4730, 0.2899, 0.3256
Android (android.graphics.Color)	4286485397 (0xFF7E9395)
YUV	140.9490, 3.9691, -13.1103
Hunter-Lab	52.4147, -8.4172, -0.0132

Details

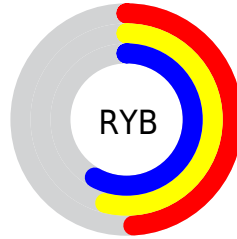
The XYZ color **24.4627, 27.4730, 32.4473** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8796, 23.3341, 22.9844**, and the grayscale version is **25.2867, 26.6036, 28.9713**.

A 20% lighter version of the original color is **50.2565, 55.6688, 64.5963**, and **9.4480, 10.8254, 13.1468** is the 20% darker color. If you saturate the color by 10%, you get **22.2273, 26.0242, 32.2859**, and if you desaturate by 10%, it is **27.0293, 29.0973, 32.6260**.

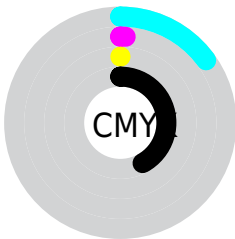
Distribution



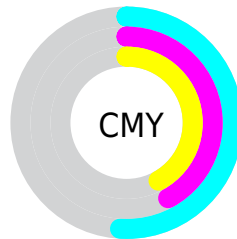
- Red (49%)
- Green (58%)
- Blue (58%)



- Red (49%)
- Yellow (54%)
- Blue (58%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4627, 27.4730, 32.4473 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 24.4627, 27.4730, 32.4473 by changing the saturation by 10% instead.

■ 24.4627, 27.4730,
32.4473

■ 24.4627, 27.4730,
32.4473

267.5487,
289.9401, 327.7071

■ 15.8038, 17.9288,
21.4357

■ 50.2334, 55.6420,
64.6177

■ 9.4754, 10.8989,
13.2485

■ 68.0759, 75.0355,
86.6136

■ 5.1121, 5.9989,
7.4672

■ 89.7104, 98.4809,
113.1080

■ 2.3486, 2.8444,
3.6731

115.5021,
126.3626, 144.5196

■ 0.8194, 1.0510,
1.4478

145.8164,
159.0649, 181.2667

■ 0.0000, 0.0000,
0.1786

181.0187,

■ 0.0000, 0.0000,

196.9724, 223.7680

0.0000

221.4744,
240.4693, 272.4419

■ 24.4627, 27.4730,
32.4473

■ 24.4627, 27.4730,
32.4473

■ 22.2273, 26.0242,
32.2859

■ 27.0293, 29.0973,
32.6260

■ 20.3062, 24.7401,
32.1393

■ 29.9381, 30.9007,
32.8208

■ 18.6847, 23.6138,
32.0074

■ 33.2028, 32.8910,
33.0329

■ 17.3459, 22.6365,
31.8893

■ 36.8355, 35.0743,
33.2628

■ 16.2715, 21.7989,
31.7842

■ 40.8476, 37.4566,
33.5112

■ 15.4407, 21.0901,
31.6912

■ 45.2503, 40.0437,
33.7785

■ 14.8296, 20.4979,
31.6091

■ 50.0541, 42.8411,
34.0653

■ 14.4059, 20.0056,
31.5364

■ 55.2691, 45.8538,
34.3719

■ 14.2373, 19.7948,
31.5046

■ 59.0032, 48.1065,
34.6099

Harmonies

Analogous

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



24.2673, 27.4730, 29.6358



24.4627, 27.4730, 32.4473



25.0964, 27.4730, 34.6968

Triad

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



24.4627, 27.4730, 32.4473



27.7330, 27.4730, 32.9592



26.2096, 27.4730, 24.8200

Complementary

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



24.4627, 27.4730, 32.4473



23.8796, 23.3341, 22.9844

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.



27.1551, 27.4730, 25.5912



24.4627, 27.4730, 32.4473



28.0484, 27.4730, 30.1928

Square

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



24.4627, 27.4730, 32.4473



26.9826, 27.4730, 35.0051



27.8344, 27.4730, 27.5150



25.2608, 27.4730, 25.3411

Rectangle

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



24.4627, 27.4730, 32.4473



25.6906, 27.4730, 35.5133



27.8344, 27.4730, 27.5150



26.5385, 27.4730, 24.9355

Sweetspot

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



24.4635, 27.4741, 32.4479



48.5694, 52.2115, 58.4392



23.2429, 27.4873, 24.4743



10.6949, 11.5277, 12.9462



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.4635, 27.4741, 32.4479



42.1595, 48.1400, 57.9912



22.7750, 24.0972, 31.8851



5.9215, 6.4770, 7.4078



11.9933, 16.6814, 26.5188



0.1570, 0.2245, 0.3280

Inverse Universe

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



25.1224, 23.4184, 30.8012



43.6103, 39.2935, 54.3465



25.4538, 26.4825, 23.5091



6.0138, 5.9006, 7.1789



14.1807, 6.8774, 20.2306



0.1787, 0.0862, 0.2747

Previews

White Background



This preview shows how the XYZ color 24.4627, 27.4730, 32.4473 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 24.4627, 27.4730, 32.4473 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

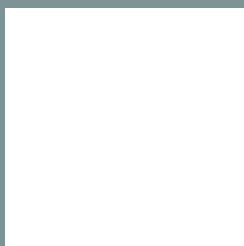
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4627, 27.4730, 32.4473

Background



This preview shows how black text looks on a background with the XYZ color 24.4627, 27.4730, 32.4473.



This preview shows how white text looks on a background with the XYZ color 24.4627, 27.4730,

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

24.4627, 27.4730, 32.4473

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.9554, 27.4719, 33.1074



Tritanopia

25.2668, 27.5813, 35.8903

Trichromacy



Original Color

24.4627, 27.4730, 32.4473

Protanomaly

25.5562, 27.3715, 31.5400

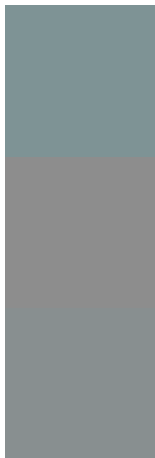
Deuteranomaly

26.5057, 27.3877, 32.7435

Tritanomaly

24.8640, 27.4029, 34.5507

Monochromacy



Original Color

24.4627, 27.4730, 32.4473

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0098, 26.8928, 30.2582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4627, 27.4730, 32.4473 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(126, 147, 149) looks like.

```
.text, #text, p{  
    color:rgb(126, 147, 149)  
}
```

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(126, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 147, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.4627, 27.4730, 32.4473 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(126, 147, 149) }
```


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

```
.border{ border-color:rgb(126, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(126, 147,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4627, 27.4730, 32.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 147, 149) }
```

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

```
.background{ background-color: rgb(126,  
147, 149) }
```

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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