

Converting Colors

XYZ(24.1302, 27.3462, 31.8220)

Have a look what the booklet for
XYZ(24.1302, 27.3462, 31.8220)
contains.

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Color

**XYZ(24.0912, 27.2906,
32.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9394
RGB	124, 147, 148
RGB Percent	49%, 58%, 58%
CMY	0.5137, 0.4235, 0.4196
CMYK	0.16, 0.01, 0.00, 0.42
HSL	182°, 10%, 53%
HSV	182°, 16%, 58%
XYZ	24.0912, 27.2906, 32.0149
YIQ	140.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

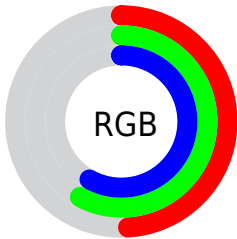
Format	Color
RYB	124, 136, 148
Decimal	8164244
CIELab	59.24, -7.89, -3.26
CIELCh	59, 8.540, 202.474
Yxy	27.2906, 0.2889, 0.3272
Android (android.graphics.Color)	4286354324 (0xFF7C9394)
YUV	140.2370, 3.8272, -14.2398
Hunter-Lab	52.2404, -9.1036, 0.2331

Details

The XYZ color **24.0912, 27.2906, 32.0149** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1847, 22.4185, 22.1746**, and the grayscale version is **25.0095, 26.3119, 28.6537**.

A 20% lighter version of the original color is **49.6788, 55.3847, 63.9491**, and **9.2422, 10.7247, 12.8922** is the 20% darker color. If you saturate the color by 10%, you get **22.0156, 26.0796, 31.8910**, and if you desaturate by 10%, it is **26.4899, 28.6704, 32.1552**.

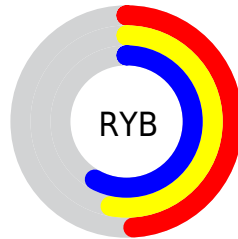
Distribution



Red (49%)

Green (58%)

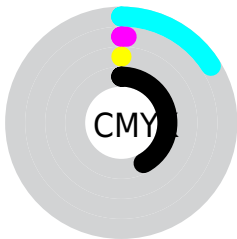
Blue (58%)



Red (49%)

Yellow (53%)

Blue (58%)

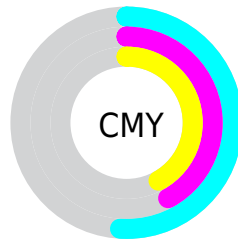


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0912, 27.2906, 32.0149 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 24.0912, 27.2906, 32.0149 by changing the saturation by 10% instead.

■ 24.0912, 27.2906,
32.0149

■ 24.0912, 27.2906,
32.0149

265.7132,
289.0614, 325.6819

■ 15.5264, 17.7916,
21.1080

■ 49.6326, 55.3498,
63.9326

■ 9.2784, 10.8005,
13.0109

■ 67.3399, 74.6789,
85.7805

■ 4.9817, 5.9328,
7.3053

■ 88.8253, 98.0533,
112.1124

■ 2.2712, 2.8043,
3.5724

114.4544,
125.8577, 143.3470

■ 0.7799, 1.0304,
1.3938

144.5923,
158.4762, 179.9027

■ 0.0000, 0.0000,
0.1369

179.6045,

■ 0.0000, 0.0000,

196.2935, 222.1980

0.0000

219.8563,
239.6937, 270.6516

■ 24.0912, 27.2906,
32.0149

■ 24.0912, 27.2906,
32.0149

■ 22.0156, 26.0796,
31.8910

■ 26.4899, 28.6704,
32.1552

■ 20.2465, 25.0266,
31.7810

■ 29.2228, 30.2225,
32.3108

■ 18.7694, 24.1249,
31.6848

■ 32.3032, 31.9545,
32.4827

■ 17.5676, 23.3659,
31.6016

■ 35.7432, 33.8727,
32.6717

■ 16.6228, 22.7401,
31.5306

■ 39.5539, 35.9827,
32.8781

■ 15.9144, 22.2370,
31.4709

■ 43.7465, 38.2904,
33.1026

■ 15.4187, 21.8443,
31.4212

■ 48.3312, 40.8010,
33.3455

■ 15.1002, 21.5436,
31.3799

■ 53.3182, 43.5197,
33.6074

■ 14.9954, 21.4382,
31.3651

■ 57.9020, 46.0314,
33.8506

Harmonies

Analogous

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



23.9601, 27.2906, 28.9528



24.0912, 27.2906, 32.0149



24.7107, 27.2906, 34.6159

Triad

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



24.0912, 27.2906, 32.0149



27.5981, 27.2906, 33.4345



26.2082, 27.2906, 24.2686

Complementary

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



24.0912, 27.2906, 32.0149



23.1847, 22.4185, 22.1746

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.



27.2071, 27.2906, 25.2997



24.0912, 27.2906, 32.0149



28.0237, 27.2906, 30.4901

Square

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



24.0912, 27.2906, 32.0149



26.7301, 27.2906, 35.4739



27.8787, 27.2906, 27.5276



25.1635, 27.2906, 24.6154

Rectangle

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



24.0912, 27.2906, 32.0149



25.3267, 27.2906, 35.6692



27.8787, 27.2906, 27.5276



26.5609, 27.2906, 24.4630

Sweetspot

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



24.0920, 27.2917, 32.0155



47.2478, 50.8769, 56.7646



22.5915, 26.9410, 23.3451



10.7191, 11.5761, 12.9543



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.



24.0920, 27.2917, 32.0155



41.2892, 47.4463, 56.4165



22.3499, 23.8076, 31.4348



5.9437, 6.5213, 7.4152



12.8133, 18.3214, 26.7921



0.1620, 0.2346, 0.3296

Inverse Universe

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



24.6875, 22.8184, 30.7082



42.5213, 38.2287, 53.7033



24.7686, 25.5862, 22.7025



6.0250, 5.9051, 7.2378



14.5947, 7.0429, 22.4102



0.1812, 0.0872, 0.2880

Previews

White Background



This preview shows how the XYZ color 24.0912, 27.2906, 32.0149 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 24.0912, 27.2906, 32.0149 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

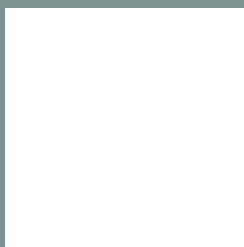
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0912, 27.2906, 32.0149

Background



This preview shows how black text looks on a background with the XYZ color 24.0912, 27.2906, 32.0149.

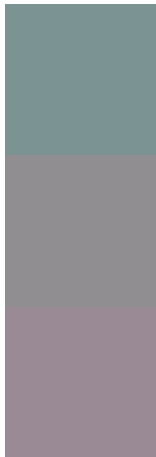


This preview shows how white text looks on a background with the XYZ color 24.0912, 27.2906,

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

24.0912, 27.2906, 32.0149

Protanopia

26.2854, 27.3196, 30.6759

Deuteranopia

27.7304, 27.1513, 32.6333



Tritanopia

24.9689, 27.4277, 35.8764

Trichromacy



Original Color

24.0912, 27.2906, 32.0149

Protanomaly

25.4781, 27.3402, 31.1285

Deuteranomaly

26.1050, 26.9705, 32.2637

Tritanomaly

24.5691, 27.2508, 34.5369

Monochromacy



Original Color

24.0912, 27.2906, 32.0149

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6119, 26.6964, 29.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0912, 27.2906, 32.0149 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, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(124, 147, 148)  
}
```

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, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 147, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.0912, 27.2906, 32.0149 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, 147, 148) }
```


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

```
.border{ border-color:rgb(124, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(124, 147,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0912, 27.2906, 32.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 147, 148) }
```

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

```
.background{ background-color: rgb(124,  
147, 148) }
```

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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