

Converting Colors

XYZ(24.1468, 29.5912, 27.3607)

Have a look what the booklet for
XYZ(24.1468, 29.5912, 27.3607)
contains.

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Color

**XYZ(24.1468, 29.5912,
27.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	799C87
RGB	121, 156, 135
RGB Percent	47%, 61%, 53%
CMY	0.5255, 0.3882, 0.4706
CMYK	0.22, 0.00, 0.13, 0.39
HSL	144°, 15%, 54%
HSV	144°, 22%, 61%
XYZ	24.1468, 29.5912, 27.3607
YIQ	143.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

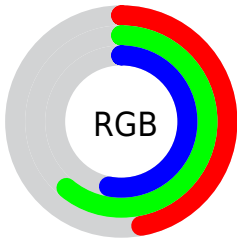
Format	Color
R_{YB}	121, 146, 156
Decimal	7969927
CIE Lab	61.30, -16.52, 7.07
CIE LCh	61, 17.965, 156.832
Yxy	29.5912, 0.2977, 0.3649
Android (android.graphics.Color)	4286160007 (0xFF799C87)
YUV	143.1410, -4.0135, -19.4177
Hunter-Lab	54.3978, -15.9612, 8.2571

Details

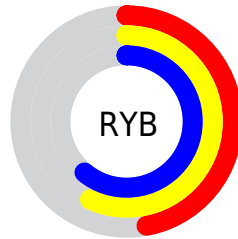
The XYZ color **24.1468, 29.5912, 27.3607** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4312, 22.6963, 28.6329**, and the grayscale version is **26.1850, 27.5486, 30.0004**.

A 20% lighter version of the original color is **49.8269, 59.2180, 56.3810**, and **9.3638, 12.1367, 10.4434** is the 20% darker color. If you saturate the color by 10%, you get **21.5047, 28.3028, 23.9469**, and if you desaturate by 10%, it is **27.2021, 31.0875, 31.0976**.

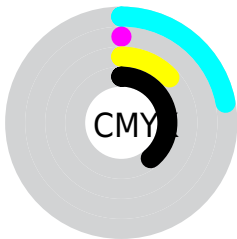
Distribution



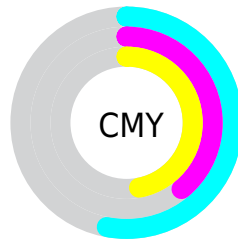
- Red (47%)
- Green (61%)
- Blue (53%)



- Red (47%)
- Yellow (57%)
- Blue (61%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1468, 29.5912, 27.3607 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 24.1468, 29.5912, 27.3607 by changing the saturation by 10% instead.

■ 24.1468, 29.5912,
27.3607

■ 24.1468, 29.5912,
27.3607

265.9885,
299.9943, 303.2146

■ 15.5679, 19.5285,
17.6095

■ 49.7226, 59.0151,
56.4729

■ 9.3078, 12.0528,
10.5034

■ 67.4502, 79.1451,
76.6709

■ 5.0012, 6.7796,
5.6241

■ 88.9580, 103.3996,
101.1883

■ 2.2827, 3.3247,
2.5528

114.6114,
132.1631, 130.4436

■ 0.7858, 1.3035,
0.8679

144.7759,
165.8199, 164.8554

■ 0.0000, 0.1439,
0.0000

179.8166,

■ 0.0000, 0.0000,

204.7544, 204.8421

0.0000

220.0991,
249.3511, 250.8223

■ 24.1468, 29.5912,
27.3607

■ 24.1468, 29.5912,
27.3607

■ 21.5047, 28.3028,
23.9469

■ 27.2021, 31.0875,
31.0976

■ 19.2548, 27.2093,
20.8457

■ 30.6854, 32.7968,
35.1639

■ 17.3781, 26.3018,
18.0486

■ 34.6137, 34.7285,
39.5682

■ 15.8529, 25.5693,
15.5463

■ 39.0024, 36.8904,
44.3182

■ 14.6550, 24.9996,
13.3288

■ 43.8662, 39.2899,
49.4214

■ 13.7571, 24.5788,
11.3854

■ 49.2190, 41.9340,
54.8850

■ 13.1270, 24.2905,
9.7050

■ 55.0743, 44.8295,
60.7159

■ 12.7695, 24.1303,
8.5996

■ 61.4449, 47.9829,
66.9210

■ 65.9476, 50.1655,
73.3947

Harmonies

Analogous

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



25.4854, 29.5912, 22.8757



24.1468, 29.5912, 27.3607



23.8458, 29.5912, 33.7948

Triad

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



24.1468, 29.5912, 27.3607



28.6703, 29.5912, 46.9656



31.9264, 29.5912, 25.0231

Complementary

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



24.1468, 29.5912, 27.3607



25.4312, 22.6963, 28.6329

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.



32.8889, 29.5912, 30.6945



24.1468, 29.5912, 27.3607



30.9420, 29.5912, 43.8142

Square

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



24.1468, 29.5912, 27.3607



26.3734, 29.5912, 45.7445



32.5190, 29.5912, 37.6226



29.9537, 29.5912, 21.6641

Rectangle

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



24.1468, 29.5912, 27.3607



24.2580, 29.5912, 38.4662



32.5190, 29.5912, 37.6226



32.3837, 29.5912, 26.6891

Sweetspot

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



24.1476, 29.5924, 27.3614



52.6574, 58.0565, 60.3168



26.5964, 30.9614, 22.6638



11.5136, 12.7390, 13.1867



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.1476, 29.5924, 27.3614



41.3187, 52.5062, 46.4606



25.4353, 30.1075, 34.1421



6.6552, 7.4428, 7.6187



10.5339, 19.8815, 7.1686



0.2086, 0.3636, 0.2349

Inverse Universe

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



25.4312, 22.6963, 28.6329



44.0769, 37.6831, 49.1896



24.2555, 22.2261, 22.4420



6.7917, 6.7096, 7.7542



12.9600, 6.4886, 9.3065



0.2522, 0.1242, 0.2743

Previews

White Background



This preview shows how the XYZ color 24.1468, 29.5912, 27.3607 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 24.1468, 29.5912, 27.3607 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 24.1468, 29.5912, 27.3607

Background



This preview shows how black text looks on a background with the XYZ color 24.1468, 29.5912, 27.3607.



This preview shows how white text looks on a background with the XYZ color 24.1468, 29.5912,

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

24.1468, 29.5912, 27.3607

Protanopia

27.7894, 29.3492, 25.3194

Deuteranopia

29.7775, 29.1803, 28.1077



Tritanopia

26.5333, 29.5724, 39.4316

Trichromacy



Original Color

24.1468, 29.5912, 27.3607

Protanomaly

26.2265, 29.2294, 26.0894

Deuteranomaly

27.3435, 29.0631, 27.8355

Tritanomaly

25.4532, 29.3675, 34.4640

Monochromacy



Original Color

24.1468, 29.5912, 27.3607

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3152, 28.2242, 28.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1468, 29.5912, 27.3607 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(121, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 135)  
}
```

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(121, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.1468, 29.5912, 27.3607 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(121, 156, 135) }
```


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

```
.border{ border-color:rgb(121, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1468, 29.5912, 27.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 135) }
```

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

```
.background{ background-color: rgb(121,  
156, 135) }
```

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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