

Converting Colors

XYZ(27.7682, 30.3852, 29.0792)

Have a look what the booklet for
XYZ(27.7682, 30.3852, 29.0792)
contains.

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Color

**XYZ(27.8159, 30.4609,
29.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	92988C
RGB	146, 152, 140
RGB Percent	57%, 60%, 55%
CMY	0.4274, 0.4039, 0.4510
CMYK	0.04, 0.00, 0.08, 0.40
HSL	90°, 6%, 57%
HSV	90°, 8%, 60%
XYZ	27.8159, 30.4609, 29.2244
YIQ	148.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

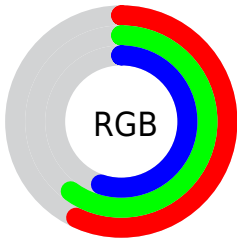
Format	Color
RYB	140, 152, 146
Decimal	9607308
CIELab	62.05, -4.46, 5.56
CIELCh	62, 7.126, 128.744
Yxy	30.4609, 0.3179, 0.3481
Android (android.graphics.Color)	4287797388 (0xFF92988C)
YUV	148.8380, -4.3571, -2.4889
Hunter-Lab	55.1914, -6.6228, 7.2393

Details

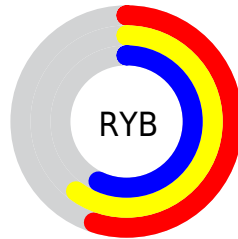
The XYZ color **27.8159, 30.4609, 29.2244** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9008, 27.1350, 33.5271**, and the grayscale version is **28.5173, 30.0024, 32.6726**.

A 20% lighter version of the original color is **55.6283, 60.3170, 59.7494**, and **11.3230, 12.5323, 11.4951** is the 20% darker color. If you saturate the color by 10%, you get **25.4651, 29.3706, 23.6623**, and if you desaturate by 10%, it is **30.4131, 31.6621, 35.6076**.

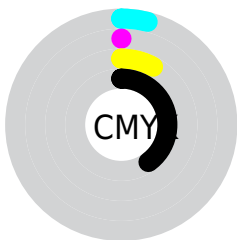
Distribution



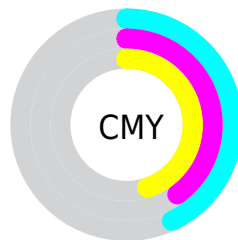
- Red (57%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (57%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8159, 30.4609, 29.2244 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 27.8159, 30.4609, 29.2244 by changing the saturation by 10% instead.

■ 27.8159, 30.4609,
29.2244

■ 27.8159, 30.4609,
29.2244

283.6822,
304.0469, 312.3663

■ 18.3267, 20.1887,
19.0036

■ 55.6011, 60.3903,
59.4799

■ 11.2859, 12.5323,
11.4960

■ 74.6278, 80.8163,
80.3516

■ 6.3282, 7.1073,
6.2832

■ 97.5643, 105.3956,
105.6107

■ 3.0882, 3.5293,
2.9465

124.7760,
134.5128, 135.6758

■ 1.2006, 1.4139,
1.0674

156.6283,
168.5521, 170.9654

■ 0.1068, 0.2269,
0.0000

193.4866,

■ 0.0000, 0.0000,

207.8979, 211.8979

0.0000

235.7161,
252.9348, 258.8920

■ 27.8159, 30.4609,
29.2244

■ 27.8159, 30.4609,
29.2244

■ 25.4651, 29.3706,
23.6623

■ 30.4131, 31.6621,
35.6076

■ 23.3502, 28.3838,
18.8860

■ 33.2619, 32.9736,
42.8413

■ 21.4634, 27.4983,
14.8605

■ 36.3704, 34.3997,
50.9558

■ 19.7957, 26.7102,
11.5475

■ 39.7455, 35.9434,
59.9796

■ 18.3373, 26.0153,
8.9054

■ 43.3939, 37.6075,
69.9396

■ 17.0775, 25.4092,
6.8879

■ 47.3220, 39.3948,
80.8618

■ 16.0043, 24.8868,
5.4433

■ 51.5360, 41.3080,
92.7710

■ 15.1043, 24.4425,
4.5113

■ 54.9603, 42.9169,
99.9948

■ 14.3540, 24.0667,
3.9806

■ 57.1333, 44.0372,
100.0965

Harmonies

Analogous

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



28.6734, 30.4609, 28.2266



27.8159, 30.4609, 29.2244



27.2711, 30.4609, 31.2929

Triad

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



27.8159, 30.4609, 29.2244



28.2903, 30.4609, 38.3239



30.8090, 30.4609, 32.3721

Complementary

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



27.8159, 30.4609, 29.2244



26.9008, 27.1350, 33.5271

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.



30.7010, 30.4609, 35.1139



27.8159, 30.4609, 29.2244



29.2328, 30.4609, 38.6521

Square

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



27.8159, 30.4609, 29.2244



27.5407, 30.4609, 36.5750



30.1190, 30.4609, 37.4486



30.4110, 30.4609, 29.9771

Rectangle

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



27.8159, 30.4609, 29.2244



27.1514, 30.4609, 33.0514



30.1190, 30.4609, 37.4486



30.8308, 30.4609, 33.2824

Sweetspot

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



27.8167, 30.4622, 29.2251



51.7277, 54.9830, 58.0017



27.9625, 29.1277, 28.9598



11.7701, 12.5029, 13.2152



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.



27.8167, 30.4622, 29.2251



48.5422, 53.5091, 50.2474



26.7779, 29.9267, 29.1764



6.4116, 7.0696, 6.6325



11.9481, 20.1354, 3.2568



0.2205, 0.3226, 0.0506

Inverse Universe

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



26.9008, 27.1350, 33.5271



46.6796, 46.7430, 58.9957



27.9956, 27.6994, 33.5783



6.1640, 6.1704, 7.7951



7.2883, 3.2083, 25.1428



0.1509, 0.0696, 0.3778

Previews

White Background



This preview shows how the XYZ color 27.8159, 30.4609, 29.2244 looks on a white background.

Color Contrast Check

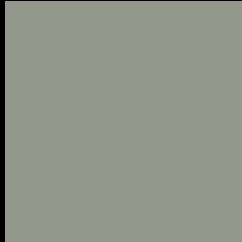
Large Text (above 18pt) WCAG AA × Fail

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 27.8159, 30.4609, 29.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

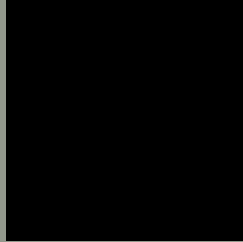
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.8159, 30.4609, 29.2244

Background



This preview shows how black text looks on a background with the XYZ color 27.8159, 30.4609, 29.2244.



This preview shows how white text looks on a background with the XYZ color 27.8159, 30.4609,

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

27.8159, 30.4609, 29.2244

Protanopia

28.9252, 30.3275, 28.7554

Deuteranopia

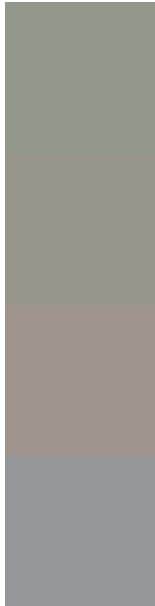
30.8695, 30.3894, 29.4380



Tritanopia

29.5749, 30.4577, 38.0384

Trichromacy



Original Color

27.8159, 30.4609, 29.2244

Protanomaly

28.5154, 30.3522, 28.7817

Deuteranomaly

29.6957, 30.4738, 29.5162

Tritanomaly

28.8689, 30.4085, 34.4849

Monochromacy



Original Color

27.8159, 30.4609, 29.2244

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3074, 30.1839, 31.5282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8159, 30.4609, 29.2244 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(146, 152, 140)` looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 140)  
}
```

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(146, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.8159, 30.4609, 29.2244 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(146, 152, 140) }
```


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

```
.border{ border-color:rgb(146, 152, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 140);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8159, 30.4609, 29.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 140) }
```

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

```
.background{ background-color: rgb(146,  
152, 140) }
```

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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