

Converting Colors

XYZ(26.8590, 28.6808, 43.2135)

Have a look what the booklet for
XYZ(26.8590, 28.6808, 43.2135)
contains.

XYZ(26.9384, 28.7476, 43.1588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9384, 28.7476,
43.1588)**

Conversions

Conversions Part 1

Format	Color
Hex	8094AC
RGB	128, 148, 172
RGB Percent	50%, 58%, 67%
CMY	0.4980, 0.4196, 0.3255
CMYK	0.26, 0.14, 0.00, 0.33
HSL	213°, 21%, 59%
HSV	213°, 26%, 67%
XYZ	26.9384, 28.7476, 43.1588
YIQ	144.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

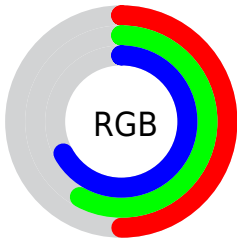
Format	Color
RYB	128, 142, 172
Decimal	8426668
CIELab	60.56, -1.56, -14.92
CIElCh	61, 14.999, 264.036
Yxy	28.7476, 0.2725, 0.2908
Android (android.graphics.Color)	4286616748 (0xFF8094AC)
YUV	144.7560, 13.4313, -14.6950
Hunter-Lab	53.6168, -4.1466, -10.1937

Details

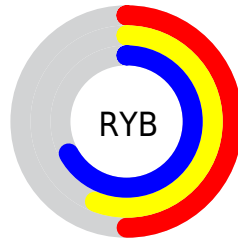
The XYZ color **26.9384, 28.7476, 43.1588** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1381, 32.7858, 25.0572**, and the grayscale version is **26.7683, 28.1624, 30.6688**.

A 20% lighter version of the original color is **54.2771, 57.7322, 80.9558**, and **10.8067, 11.5252, 19.4243** is the 20% darker color. If you saturate the color by 10%, you get **23.1551, 24.7012, 42.5776**, and if you desaturate by 10%, it is **31.2813, 33.2610, 43.8015**.

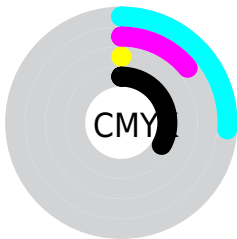
Distribution



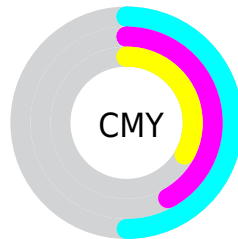
- Red (50%)
- Green (58%)
- Blue (67%)



- Red (50%)
- Yellow (56%)
- Blue (67%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9384, 28.7476, 43.1588 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 26.9384, 28.7476, 43.1588 by changing the saturation by 10% instead.

■ 26.9384, 28.7476,
43.1588

■ 26.9384, 28.7476,
43.1588

279.5317,
296.0222, 375.2048

■ 17.6633, 18.8900,
29.6774

■ 54.2056, 57.6758,
81.2394

■ 10.8068, 11.5908,
19.3439

■ 72.9284, 77.5152,
106.6756

■ 6.0034, 6.4657,
11.7397

■ 95.5312, 101.4506,
136.9339

■ 2.8878, 3.1303,
6.4463

122.3792,
129.8665, 172.4328

■ 1.0947, 1.2001,
3.0452

153.8380,
163.1472, 213.5908

■ 0.0207, 0.0618,
1.1177

190.2727,

■ 0.0000, 0.0000,

201.6771, 260.8264

0.0000

232.0489,
245.8407, 314.5582

■ 26.9384, 28.7476,
43.1588

■ 26.9384, 28.7476,
43.1588

■ 23.1551, 24.7012,
42.5776

■ 31.2813, 33.2610,
43.8015

■ 19.9039, 21.1013,
42.0542

■ 36.2045, 38.2538,
44.5058

■ 17.1586, 17.9308,
41.5869

■ 41.7306, 43.7426,
45.2740

■ 14.8898, 15.1699,
41.1736

■ 47.8804, 49.7416,
46.1078

■ 13.0645, 12.7971,
40.8118

■ 54.6736, 56.2648,
47.0088

■ 11.6451, 10.7879,
40.4988

■ 62.1290, 63.3253,
47.9787

■ 10.5842, 9.1128,
40.2313

■ 70.2645, 70.9360,
49.0189

■ 10.1843, 8.4542,
40.1253

■ 75.0884, 77.0424,
49.9433

■ 77.6655, 82.1967,
50.8024

Harmonies

Analogous

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



25.1935, 28.7476, 40.7566



26.9384, 28.7476, 43.1588



28.8696, 28.7476, 42.0931

Triad

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



26.9384, 28.7476, 43.1588



30.8698, 28.7476, 27.1531



24.4176, 28.7476, 25.4435

Complementary

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



26.9384, 28.7476, 43.1588



32.1381, 32.7858, 25.0572

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.



25.8341, 28.7476, 22.5322



26.9384, 28.7476, 43.1588



29.5708, 28.7476, 23.4346

Square

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



26.9384, 28.7476, 43.1588



31.1995, 28.7476, 32.4232



27.7127, 28.7476, 21.8426



23.7830, 28.7476, 30.2055

Rectangle

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



26.9384, 28.7476, 43.1588



29.9963, 28.7476, 39.6162



27.7127, 28.7476, 21.8426



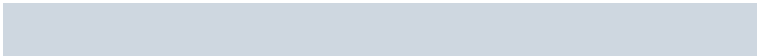
24.8148, 28.7476, 24.2396

Sweetspot

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



26.9393, 28.7488, 43.1595



63.2879, 66.9914, 80.4008



29.2791, 36.3444, 34.9499



13.4627, 14.2645, 17.4314



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9393, 28.7488, 43.1595



44.6507, 47.6672, 77.6531



24.2906, 23.1214, 42.2129



7.8675, 8.3344, 10.1467



7.6322, 6.3983, 29.8773



0.2674, 0.2882, 0.8495

Inverse Universe

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



30.0785, 26.3479, 31.5186



51.4704, 42.8641, 52.2712



35.3425, 39.6697, 26.2171



8.1509, 8.0736, 9.1057



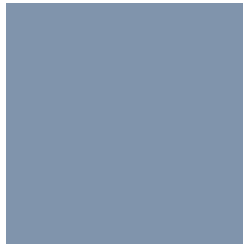
13.7160, 6.9490, 6.1501



0.4094, 0.2044, 0.3175

Previews

White Background



This preview shows how the XYZ color 26.9384, 28.7476, 43.1588 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 26.9384, 28.7476, 43.1588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

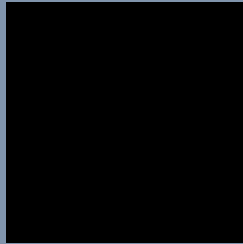
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

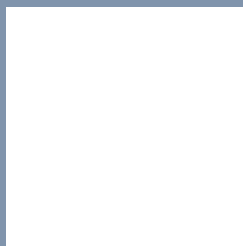
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9384, 28.7476, 43.1588

Background



This preview shows how black text looks on a background with the XYZ color 26.9384, 28.7476, 43.1588.



This preview shows how white text looks on a background with the XYZ color 26.9384, 28.7476,

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

26.9384, 28.7476, 43.1588

Protanopia

28.3656, 28.8158, 42.0972

Deuteranopia

29.2484, 28.5662, 43.5074



Tritanopia

26.0321, 28.8569, 38.3803

Trichromacy



Original Color

26.9384, 28.7476, 43.1588

Protanomaly

27.7829, 28.7323, 42.6096

Deuteranomaly

28.3313, 28.5391, 43.5505

Tritanomaly

26.3828, 28.7601, 40.2371

Monochromacy



Original Color

26.9384, 28.7476, 43.1588

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8427, 28.4133, 35.0799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9384, 28.7476, 43.1588 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(128, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 172)  
}
```

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(128, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.9384, 28.7476, 43.1588 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(128, 148, 172) }
```


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

```
.border{ border-color:rgb(128, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9384, 28.7476, 43.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 172) }
```

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

```
.background{ background-color: rgb(128,  
148, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor