

Converting Colors

XYZ(28.5007, 32.8017, 33.3326)

Have a look what the booklet for
XYZ(28.5007, 32.8017, 33.3326)
contains.

XYZ(28.4769, 32.7148, 33.2475)	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(28.4769, 32.7148,
33.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA095
RGB	138, 160, 149
RGB Percent	54%, 63%, 58%
CMY	0.4588, 0.3725, 0.4157
CMYK	0.14, 0.00, 0.07, 0.37
HSL	150°, 10%, 58%
HSV	150°, 14%, 63%
XYZ	28.4769, 32.7148, 33.2475
YIQ	152.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

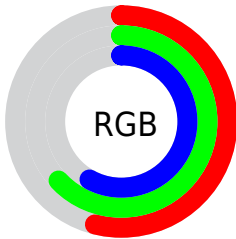
Format	Color
RYB	138, 153, 160
Decimal	9085077
CIELab	63.93, -9.95, 3.13
CIElCh	64, 10.433, 162.535
Yxy	32.7148, 0.3015, 0.3464
Android (android.graphics.Color)	4287275157 (0xFF8AA095)
YUV	152.1680, -1.5618, -12.4253
Hunter-Lab	57.1969, -11.2238, 5.5736

Details

The XYZ color **28.4769, 32.7148, 33.2475** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0117, 27.8214, 32.2763**, and the grayscale version is **29.9278, 31.4864, 34.2887**.

A 20% lighter version of the original color is **56.8182, 64.1191, 65.8815**, and **11.6977, 13.8938, 13.6205** is the 20% darker color. If you saturate the color by 10%, you get **25.4054, 31.2036, 29.8833**, and if you desaturate by 10%, it is **31.9842, 34.4474, 36.8626**.

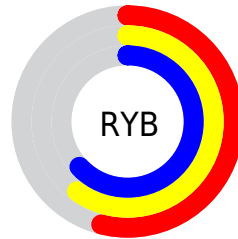
Distribution



Red (54%)

Green (63%)

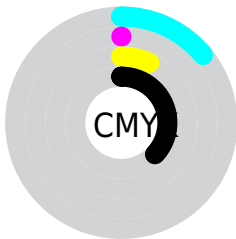
Blue (58%)



Red (54%)

Yellow (60%)

Blue (63%)

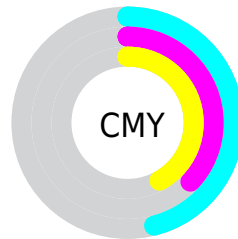


Cyan (14%)

Magenta (0%)

Yellow (7%)

Black (37%)



Cyan (46%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4769, 32.7148, 33.2475 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 28.4769, 32.7148, 33.2475 by changing the saturation by 10% instead.

■ 28.4769, 32.7148,
33.2475

■ 28.4769, 32.7148,
33.2475

286.7777,
314.3626, 331.4297

■ 18.8277, 21.9081,
22.0434

■ 56.6483, 63.9300,
65.8822

■ 11.6491, 13.7894,
13.6902

■ 75.9012, 85.1073,
88.1499

■ 6.5757, 7.9743,
7.7692

■ 99.0861, 110.5101,
114.9426

■ 3.2422, 4.0785,
3.8620

126.5684,
140.5230, 146.6789

■ 1.2831, 1.7176,
1.5499

158.7133,
175.5303, 183.7771

■ 0.1705, 0.4350,
0.2547

195.8862,

■ 0.0000, 0.0000,

215.9164, 226.6560

0.0000

238.4526,
262.0657, 275.7340

■ 28.4769, 32.7148,
33.2475

■ 28.4769, 32.7148,
33.2475

■ 25.4054, 31.2036,
29.8833

■ 31.9842, 34.4474,
36.8626

■ 22.7489, 29.9005,
26.7624

■ 35.9413, 36.4058,
40.7317

■ 20.4895, 28.7971,
23.8799

■ 40.3650, 38.5995,
44.8604

■ 18.6062, 27.8829,
21.2300

■ 45.2704, 41.0362,
49.2538

■ 17.0764, 27.1464,
18.8066

■ 50.6719, 43.7231,
53.9166

■ 15.8749, 26.5745,
16.6033

■ 56.5832, 46.6674,
58.8534

■ 14.9729, 26.1526,
14.6133

■ 63.0177, 49.8757,
64.0687

■ 14.3360, 25.8631,
12.8293

■ 65.8229, 51.2074,
69.3721

■ 14.0191, 25.7219,
11.8140

■ 66.8640, 51.6238,
74.8545

Harmonies

Analogous

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



29.2236, 32.7148, 29.9858



28.4769, 32.7148, 33.2475



28.4176, 32.7148, 37.4057

Triad

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



28.4769, 32.7148, 33.2475



31.7115, 32.7148, 44.1162



33.2228, 32.7148, 30.4268

Complementary

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



28.4769, 32.7148, 33.2475



29.0117, 27.8214, 32.2763

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.



33.9343, 32.7148, 33.8937



28.4769, 32.7148, 33.2475



33.0435, 32.7148, 41.9210

Square

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



28.4769, 32.7148, 33.2475



30.2543, 32.7148, 43.9088



33.8676, 32.7148, 38.1046



31.9500, 32.7148, 28.4475

Rectangle

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



28.4769, 32.7148, 33.2475



28.7732, 32.7148, 40.1514



33.8676, 32.7148, 38.1046



33.5373, 32.7148, 31.4446

Sweetspot

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



28.4778, 32.7162, 33.2482



57.8510, 62.4348, 66.7075



29.6209, 33.4022, 28.9314



12.5819, 13.6406, 14.5235



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.4778, 32.7162, 33.2482



49.6209, 58.3733, 58.1296



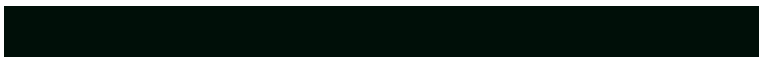
29.3663, 33.0716, 37.9270



6.6821, 7.4536, 7.7605



10.9424, 20.0449, 9.3198



0.2170, 0.3669, 0.2790

Inverse Universe

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



29.0117, 27.8214, 32.2763



50.8128, 47.4456, 55.9597



28.2008, 27.4970, 28.0059



6.7644, 6.6987, 7.6107



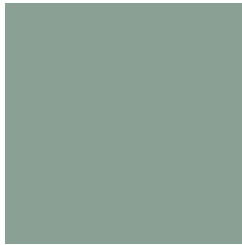
12.4436, 6.2820, 6.5868



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 28.4769, 32.7148, 33.2475 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 28.4769, 32.7148, 33.2475 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 28.4769, 32.7148, 33.2475

Background



This preview shows how black text looks on a background with the XYZ color 28.4769, 32.7148, 33.2475.



This preview shows how white text looks on a background with the XYZ color 28.4769, 32.7148,

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

28.4769, 32.7148, 33.2475

Protanopia

31.0420, 32.5575, 31.8423

Deuteranopia

33.2868, 32.7050, 33.8364



Tritanopia

30.3737, 32.7293, 42.2526

Trichromacy



Original Color

28.4769, 32.7148, 33.2475

Protanomaly

29.9174, 32.4628, 32.2929

Deuteranomaly

31.3587, 32.6841, 33.5101

Tritanomaly

29.7330, 32.7251, 38.9319

Monochromacy



Original Color

28.4769, 32.7148, 33.2475

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3399, 31.8801, 33.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4769, 32.7148, 33.2475 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(138, 160, 149)` looks like.

```
.text, #text, p{  
    color:rgb(138, 160, 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(138, 160, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 160, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.4769, 32.7148, 33.2475 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(138, 160, 149) }
```


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

```
.border{ border-color:rgb(138, 160, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 160, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 160, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 160, 149);  
box-shadow:4px 4px 4px 4px rgb(138, 160,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4769, 32.7148, 33.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 160, 149) }
```

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

```
.background{ background-color: rgb(138,  
160, 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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