

Converting Colors

XYZ(30.4501, 33.0317, 41.8166)

Have a look what the booklet for
XYZ(30.4501, 33.0317, 41.8166)
contains.

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Color

**XYZ(30.4501, 33.0317,
41.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9EA8
RGB	142, 158, 168
RGB Percent	56%, 62%, 66%
CMY	0.4431, 0.3804, 0.3412
CMYK	0.15, 0.06, 0.00, 0.34
HSL	203°, 13%, 61%
HSV	203°, 15%, 66%
XYZ	30.4501, 33.0317, 41.8166
YIQ	154.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

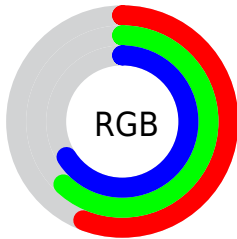
Format	Color
RYB	142, 152, 168
Decimal	9346728
CIELab	64.19, -3.51, -7.12
CIELCh	64, 7.939, 243.799
Yxy	33.0317, 0.2892, 0.3137
Android (android.graphics.Color)	4287536808 (0xFF8E9EA8)
YUV	154.3560, 6.7265, -10.8362
Hunter-Lab	57.4732, -6.0064, -2.9072

Details

The XYZ color **30.4501, 33.0317, 41.8166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2594, 32.7342, 30.2100**, and the grayscale version is **30.8477, 32.4542, 35.3427**.

A 20% lighter version of the original color is **59.8785, 64.6520, 79.1352**, and **12.7245, 14.0005, 18.5547** is the 20% darker color. If you saturate the color by 10%, you get **26.7092, 29.5109, 41.3347**, and if you desaturate by 10%, it is **34.6854, 36.8951, 42.3396**.

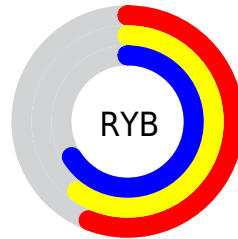
Distribution



Red (56%)

Green (62%)

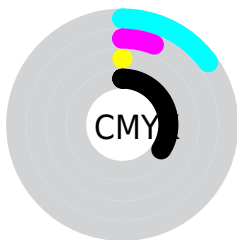
Blue (66%)



Red (56%)

Yellow (60%)

Blue (66%)

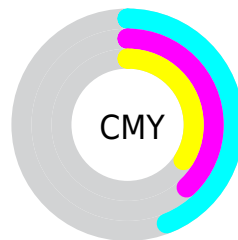


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (34%)



Cyan (44%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4501, 33.0317, 41.8166 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 30.4501, 33.0317, 41.8166 by changing the saturation by 10% instead.

■ 30.4501, 33.0317,
41.8166

■ 30.4501, 33.0317,
41.8166

295.8692,
315.7926, 369.4993

■ 20.3302, 22.1507,
28.6332

■ 59.7550, 64.4250,
79.1891

■ 12.7450, 13.9677,
18.5603

■ 79.6708, 85.7062,
104.2152

■ 7.3290, 8.0982,
11.1794

■ 103.5826,
111.2228, 134.0261

■ 3.7168, 4.1579,
6.0720

131.8557,
141.3594, 169.0401

■ 1.5432, 1.7622,
2.8194

164.8556,
176.5002, 209.6759

■ 0.3550, 0.4635,
1.0032

202.9476,

■ 0.0000, 0.0000,

217.0298, 256.3521

0.0000

246.4970,
263.3324, 309.4870

■ 30.4501, 33.0317,
41.8166

■ 30.4501, 33.0317,
41.8166

■ 26.7092, 29.5109,
41.3347

■ 34.6854, 36.8951,
42.3396

■ 23.4394, 26.3169,
40.8905

■ 39.4311, 41.1080,
42.9027

■ 20.6201, 23.4384,
40.4835

■ 44.7062, 45.6823,
43.5076

■ 18.2275, 20.8619,
40.1123

■ 50.5278, 50.6282,
44.1554

■ 16.2359, 18.5727,
39.7754

■ 56.9121, 55.9550,
44.8471

■ 14.6163, 16.5543,
39.4712

■ 63.8747, 61.6722,
45.5836

■ 13.3352, 14.7882,
39.1978

■ 69.7169, 66.9050,
46.2857

■ 12.3505, 13.2510,
38.9530

■ 71.2767, 70.0246,
46.8057

■ 11.9581, 12.6075,
38.8495

■ 72.9008, 73.2729,
47.3471

Harmonies

Analogous

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



29.6319, 33.0317, 39.5239



30.4501, 33.0317, 41.8166



31.5392, 33.0317, 42.5092

Triad

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



30.4501, 33.0317, 41.8166



33.6042, 33.0317, 35.5569



30.2075, 33.0317, 31.0589

Complementary

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



30.4501, 33.0317, 41.8166



32.2594, 32.7342, 30.2100

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.



31.2525, 33.0317, 30.1310



30.4501, 33.0317, 41.8166



33.2280, 33.0317, 32.6281

Square

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



30.4501, 33.0317, 41.8166



33.3771, 33.0317, 38.7715



32.3606, 33.0317, 30.6881



29.4942, 33.0317, 33.2991

Rectangle

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



30.4501, 33.0317, 41.8166



32.2768, 33.0317, 41.9380



32.3606, 33.0317, 30.6881



30.5307, 33.0317, 30.5895

Sweetspot

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



30.4511, 33.0331, 41.8173



63.2542, 67.2323, 76.8684



30.8233, 36.0225, 35.0206



13.6674, 14.5464, 16.7395



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.4511, 33.0331, 41.8173



52.5234, 57.3952, 75.5352



28.3544, 28.8396, 41.1184



7.5017, 8.0402, 9.5749



9.0809, 9.6220, 29.3541



0.2682, 0.3286, 0.7299

Inverse Universe

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



31.9938, 30.1402, 36.4808



55.9639, 51.1266, 63.5925



34.4806, 37.1766, 30.9504



7.7178, 7.6170, 8.8312



14.0842, 7.0424, 10.5210



0.3665, 0.1809, 0.3815

Previews

White Background



This preview shows how the XYZ color 30.4501, 33.0317, 41.8166 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 30.4501, 33.0317, 41.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

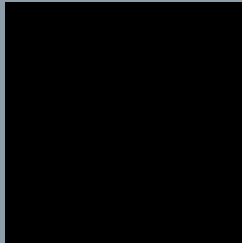
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

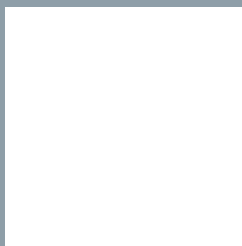
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4501, 33.0317, 41.8166

Background



This preview shows how black text looks on a background with the XYZ color 30.4501, 33.0317, 41.8166.



This preview shows how white text looks on a background with the XYZ color 30.4501, 33.0317,

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

30.4501, 33.0317, 41.8166

Protanopia

31.9561, 32.8329, 40.7295

Deuteranopia

33.5379, 32.8903, 42.1169



Tritanopia

30.6379, 33.1068, 42.8057

Trichromacy



Original Color

30.4501, 33.0317, 41.8166

Protanomaly

31.2741, 32.7167, 41.2259

Deuteranomaly

32.4273, 33.0437, 42.2051

Tritanomaly

30.5436, 33.0691, 42.3093

Monochromacy



Original Color

30.4501, 33.0317, 41.8166

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5570, 32.4299, 37.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4501, 33.0317, 41.8166 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(142, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 168)  
}
```

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(142, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.4501, 33.0317, 41.8166 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(142, 158, 168) }
```


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

```
.border{ border-color:rgb(142, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4501, 33.0317, 41.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 168) }
```

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

```
.background{ background-color: rgb(142,  
158, 168) }
```

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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