

Converting Colors

XYZ(30.1987, 33.0131, 43.8109)

Have a look what the booklet for
XYZ(30.1987, 33.0131, 43.8109)
contains.

XYZ(30.3258, 33.1781, 43.8354)	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(30.3258, 33.1781,
43.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9FAC
RGB	138, 159, 172
RGB Percent	54%, 62%, 67%
CMY	0.4588, 0.3765, 0.3255
CMYK	0.20, 0.08, 0.00, 0.33
HSL	203°, 17%, 61%
HSV	203°, 20%, 67%
XYZ	30.3258, 33.1781, 43.8354
YIQ	154.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

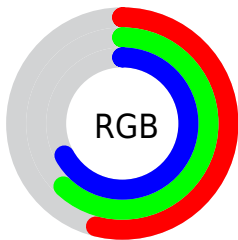
Format	Color
R_{YB}	138, 151, 172
Decimal	9084844
CIE Lab	64.30, -4.48, -9.22
CIE LCh	64, 10.253, 244.084
Yxy	33.1781, 0.2825, 0.3091
Android (android.graphics.Color)	4287274924 (0xFF8A9FAC)
YUV	154.2030, 8.7739, -14.2100
Hunter-Lab	57.6004, -6.8231, -4.8009

Details

The XYZ color **30.3258, 33.1781, 43.8354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6677, 32.7390, 28.6431**, and the grayscale version is **30.7730, 32.3756, 35.2570**.

A 20% lighter version of the original color is **59.6499, 64.8457, 82.0456**, and **12.6832, 14.1074, 19.8238** is the 20% darker color. If you saturate the color by 10%, you get **26.6017, 29.6248, 43.3464**, and if you desaturate by 10%, it is **34.5627, 37.0868, 44.3671**.

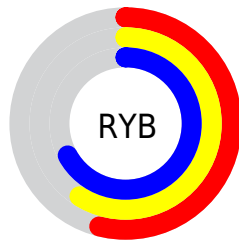
Distribution



Red (54%)

Green (62%)

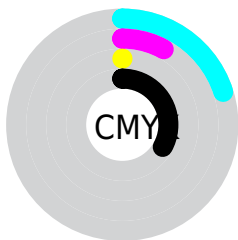
Blue (67%)



Red (54%)

Yellow (59%)

Blue (67%)

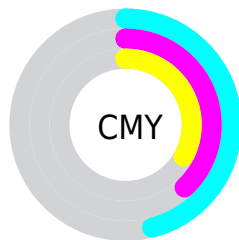


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3258, 33.1781, 43.8354 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 30.3258, 33.1781, 43.8354 by changing the saturation by 10% instead.

■ 30.3258, 33.1781,
43.8354

■ 30.3258, 33.1781,
43.8354

295.3028,
316.4515, 378.0578

■ 20.2353, 22.2629,
30.2049

■ 59.5601, 64.6535,
82.2698

■ 12.6755, 14.0502,
19.7408

■ 79.4347, 85.9825,
107.9108

■ 7.2809, 8.1556,
12.0246

■ 103.3013,
111.5515, 138.3924

■ 3.6863, 4.1947,
6.6377

131.5253,
141.7450, 174.1331

■ 1.5262, 1.7830,
3.1616

164.4721,
176.9474, 215.5515

■ 0.3436, 0.4766,
1.1777

202.5071,

■ 0.0000, 0.0000,

217.5430, 263.0660

0.0000

245.9955,
263.9162, 317.0953

■ 30.3258, 33.1781,
43.8354

■ 30.3258, 33.1781,
43.8354

■ 26.6017, 29.6248,
43.3464

■ 34.5627, 37.0868,
44.3671

■ 23.3654, 26.4101,
42.8964

■ 39.3302, 41.3587,
44.9404

■ 20.5941, 23.5216,
42.4850

■ 44.6486, 46.0067,
45.5572

■ 18.2617, 20.9445,
42.1105

■ 50.5365, 51.0416,
46.2187

■ 16.3396, 18.6625,
41.7713

■ 57.0114, 56.4735,
46.9259

■ 14.7953, 16.6573,
41.4657

■ 64.0901, 62.3125,
47.6799

■ 13.5908, 14.9078,
41.1915

■ 70.5256, 67.9168,
48.4224

■ 12.6467, 13.3716,
40.9447

■ 72.1321, 71.1299,
48.9579

■ 12.6258, 13.3372,
40.9392

■ 73.8056, 74.4768,
49.5157

Harmonies

Analogous

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



29.2703, 33.1781, 40.8122



30.3258, 33.1781, 43.8354



31.7348, 33.1781, 44.7365

Triad

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



30.3258, 33.1781, 43.8354



34.4134, 33.1781, 35.5567



29.9903, 33.1781, 29.8776

Complementary

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



30.3258, 33.1781, 43.8354



32.6677, 32.7390, 28.6431

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.



31.3356, 33.1781, 28.6967



30.3258, 33.1781, 43.8354



33.9131, 33.1781, 31.8117

Square

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



30.3258, 33.1781, 43.8354



34.1231, 33.1781, 39.7477



32.7755, 33.1781, 29.3768



29.0808, 33.1781, 32.7299

Rectangle

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



30.3258, 33.1781, 43.8354



32.6922, 33.1781, 43.9589



32.7755, 33.1781, 29.3768



30.4050, 33.1781, 29.2825

Sweetspot

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



30.3268, 33.1795, 43.8361



65.7520, 70.0380, 80.8589



30.7771, 37.1260, 34.5962



14.1747, 15.1176, 17.5586



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.



30.3268, 33.1795, 43.8361



51.7522, 57.1062, 79.1007



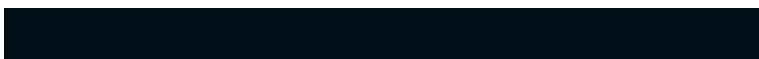
27.6809, 27.8878, 42.9542



7.9752, 8.5499, 10.1826



9.4498, 10.0335, 30.4831



0.3136, 0.3805, 0.8649

Inverse Universe

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



32.3606, 29.4517, 36.7815



56.2179, 49.2157, 63.5444



35.5057, 38.4150, 29.5891



8.2053, 8.0954, 9.3920



14.6335, 7.3159, 10.9812



0.4327, 0.2138, 0.4402

Previews

White Background



This preview shows how the XYZ color 30.3258, 33.1781, 43.8354 looks on a white background.

Color Contrast Check

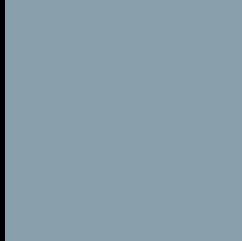
Large Text (above 18pt) WCAG AA × Fail

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 30.3258, 33.1781, 43.8354 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

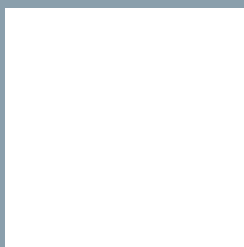
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3258, 33.1781, 43.8354

Background



This preview shows how black text looks on a background with the XYZ color 30.3258, 33.1781, 43.8354.

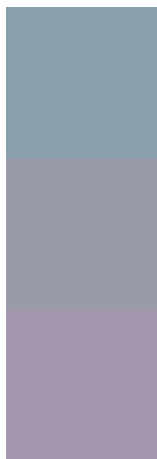


This preview shows how white text looks on a background with the XYZ color 30.3258, 33.1781,

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

30.3258, 33.1781, 43.8354

Protanopia

32.2092, 33.1773, 42.2424

Deuteranopia

33.6069, 32.8706, 44.6178



Tritanopia

30.3258, 33.1781, 43.8354

Trichromacy



Original Color

30.3258, 33.1781, 43.8354

Protanomaly

31.3569, 32.9751, 42.7424

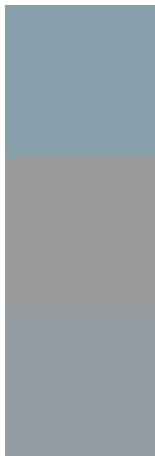
Deuteranomaly

32.2353, 32.9006, 44.1866

Tritanomaly

30.3258, 33.1781, 43.8354

Monochromacy



Original Color

30.3258, 33.1781, 43.8354

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5342, 32.6460, 38.4102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3258, 33.1781, 43.8354 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, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(138, 159, 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(138, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.3258, 33.1781, 43.8354 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, 159, 172) }
```


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

```
.border{ border-color:rgb(138, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(138, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3258, 33.1781, 43.8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 159, 172) }
```

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

```
.background{ background-color: rgb(138,  
159, 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](#).

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