

Converting Colors

XYZ(30.6757, 33.7491, 43.3183)

Have a look what the booklet for
XYZ(30.6757, 33.7491, 43.3183)
contains.

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Color

**XYZ(30.5690, 33.5709,
43.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA0AB
RGB	139, 160, 171
RGB Percent	55%, 63%, 67%
CMY	0.4549, 0.3725, 0.3294
CMYK	0.19, 0.06, 0.00, 0.33
HSL	201°, 16%, 61%
HSV	201°, 19%, 67%
XYZ	30.5690, 33.5709, 43.3967
YIQ	154.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

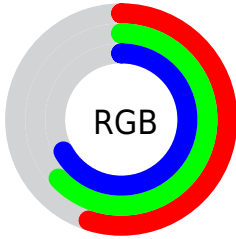
Format	Color
R _Y B	139, 152, 171
Decimal	9150635
CIE Lab	64.62, -4.93, -8.18
CIE LCh	65, 9.554, 238.929
Yxy	33.5709, 0.2843, 0.3122
Android (android.graphics.Color)	4287340715 (0xFF8BA0AB)
YUV	154.9750, 7.9003, -14.0101
Hunter-Lab	57.9404, -7.2202, -3.8493

Details

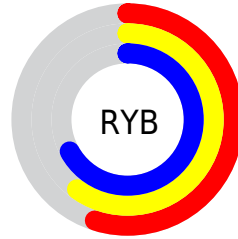
The XYZ color **30.5690, 33.5709, 43.3967** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3614, 32.3347, 28.9625**, and the grayscale version is **31.1167, 32.7372, 35.6508**.

A 20% lighter version of the original color is **60.0202, 65.4293, 81.4172**, and **12.8229, 14.3439, 19.5456** is the 20% darker color. If you saturate the color by 10%, you get **26.9394, 30.2237, 42.9425**, and if you desaturate by 10%, it is **34.6954, 37.2474, 43.8894**.

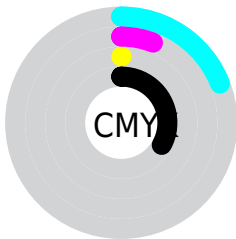
Distribution



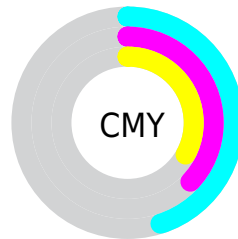
- Red (55%)
- Green (63%)
- Blue (67%)



- Red (55%)
- Yellow (60%)
- Blue (67%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (45%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5690, 33.5709, 43.3967 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 30.5690, 33.5709, 43.3967 by changing the saturation by 10% instead.

■ 30.5690, 33.5709,
43.3967

■ 30.5690, 33.5709,
43.3967

296.4102,
318.2144, 376.2097

■ 20.4211, 22.5641,
29.8628

■ 59.9413, 65.2658,
81.6019

■ 12.8115, 14.2720,
19.4833

■ 79.8965, 86.7228,
107.1103

■ 7.3750, 8.3101,
11.8397

■ 103.8514,
112.4319, 137.4473

■ 3.7461, 4.2940,
6.5134

132.1715,
142.7777, 173.0314

■ 1.5595, 1.8393,
3.0859

165.2220,
178.1444, 214.2811

■ 0.3658, 0.5115,
1.1387

203.3684,

■ 0.0000, 0.0000,

218.9165, 261.6151

0.0000

246.9760,
265.4784, 315.4517

■ 30.5690, 33.5709,
43.3967

■ 30.5690, 33.5709,
43.3967

■ 26.9394, 30.2237,
42.9425

■ 34.6954, 37.2474,
43.8894

■ 23.7823, 27.1897,
42.5233

■ 39.3355, 41.2605,
44.4194

■ 21.0756, 24.4575,
42.1385

■ 44.5094, 45.6220,
44.9886

■ 18.7943, 22.0131,
41.7870

■ 50.2347, 50.3421,
45.5979

■ 16.9106, 19.8411,
41.4670

■ 56.5285, 55.4306,
46.2484

■ 15.3933, 17.9245,
41.1770

■ 63.4072, 60.8967,
46.9409

■ 14.2060, 16.2432,
40.9151

■ 69.5107, 66.0401,
47.6120

■ 13.2821, 14.7620,
40.6779

■ 70.9084, 68.8355,
48.0779

■ 13.1705, 14.5797,
40.6486

■ 72.3590, 71.7368,
48.5614

Harmonies

Analogous

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



29.6596, 33.5709, 40.3217



30.5690, 33.5709, 43.3967



31.8590, 33.5709, 44.6190

Triad

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



30.5690, 33.5709, 43.3967



34.6126, 33.5709, 36.6941



30.6519, 33.5709, 30.3449

Complementary

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



30.5690, 33.5709, 43.3967



32.3614, 32.3347, 28.9625

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.



31.9573, 33.5709, 29.5228



30.5690, 33.5709, 43.3967



34.2675, 33.5709, 33.0268

Square

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



30.5690, 33.5709, 43.3967



34.2159, 33.5709, 40.5828



33.2858, 33.5709, 30.4695



29.7065, 33.5709, 32.7993

Rectangle

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



30.5690, 33.5709, 43.3967



32.7696, 33.5709, 44.1566



33.2858, 33.5709, 30.4695



31.0619, 33.5709, 29.8766

Sweetspot

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



30.5700, 33.5723, 43.3975



64.2128, 68.5218, 78.8435



30.6892, 36.8067, 34.2013



14.2072, 15.1825, 17.5694



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.



30.5700, 33.5723, 43.3975



52.2573, 57.8540, 77.4146



28.0227, 28.4777, 42.5484



8.0011, 8.6015, 10.1913



9.9789, 11.0916, 30.6595



0.3259, 0.4051, 0.8690

Inverse Universe

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



32.3732, 29.6621, 37.2784



56.0587, 49.8210, 64.4674



35.0311, 37.6740, 29.8524



8.2183, 8.1006, 9.4606



14.9005, 7.4227, 12.3874



0.4389, 0.2162, 0.4729

Previews

White Background



This preview shows how the XYZ color 30.5690, 33.5709, 43.3967 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 30.5690, 33.5709, 43.3967 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

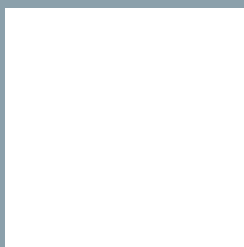
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5690, 33.5709, 43.3967

Background



This preview shows how black text looks on a background with the XYZ color 30.5690, 33.5709, 43.3967.



This preview shows how white text looks on a background with the XYZ color 30.5690, 33.5709,

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

30.5690, 33.5709, 43.3967

Protanopia

32.4995, 33.3378, 41.7677

Deuteranopia

34.0809, 33.3661, 44.1792



Tritanopia

30.6647, 33.6091, 43.9007

Trichromacy



Original Color

30.5690, 33.5709, 43.3967

Protanomaly

31.7961, 33.4625, 42.3192

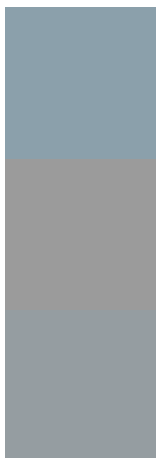
Deuteranomaly

32.6853, 33.3898, 43.7519

Tritanomaly

30.6647, 33.6091, 43.9007

Monochromacy



Original Color

30.5690, 33.5709, 43.3967

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8844, 33.0767, 38.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5690, 33.5709, 43.3967 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(139, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(139, 160, 171)  
}
```

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(139, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 160, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.5690, 33.5709, 43.3967 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(139, 160, 171) }
```


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

```
.border{ border-color:rgb(139, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(139, 160,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5690, 33.5709, 43.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 160, 171) }
```

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

```
.background{ background-color: rgb(139,  
160, 171) }
```

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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