

Converting Colors

XYZ(30.3453, 30.4025, 43.0350)

Have a look what the booklet for
XYZ(30.3453, 30.4025, 43.0350)
contains.

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Color

**XYZ(30.3350, 30.5096,
42.8182)**

Conversions

Conversions Part 1

Format	Color
Hex	9594AB
RGB	149, 148, 171
RGB Percent	58%, 58%, 67%
CMY	0.4157, 0.4196, 0.3294
CMYK	0.13, 0.13, 0.00, 0.33
HSL	243°, 12%, 63%
HSV	243°, 13%, 67%
XYZ	30.3350, 30.5096, 42.8182
YIQ	150.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

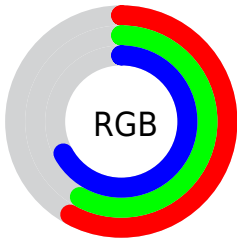
Format	Color
R_{YB}	149, 148, 171
Decimal	9802923
CIE Lab	62.09, 5.09, -11.89
CIE LCh	62, 12.933, 293.196
Yxy	30.5096, 0.2926, 0.2943
Android (android.graphics.Color)	4287993003 (0xFF9594AB)
YUV	150.9210, 9.8989, -1.6847
Hunter-Lab	55.2355, 1.3690, -7.2964

Details

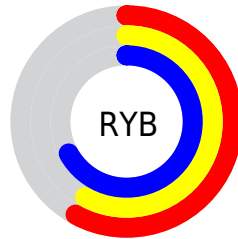
The XYZ color **30.3350, 30.5096, 42.8182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4868, 39.8108, 33.7795**, and the grayscale version is **29.3434, 30.8716, 33.6192**.

A 20% lighter version of the original color is **59.4766, 60.4286, 80.4806**, and **12.6415, 12.4780, 19.1950** is the 20% darker color. If you saturate the color by 10%, you get **25.0708, 24.1045, 41.8598**, and if you desaturate by 10%, it is **36.4165, 37.9258, 43.9296**.

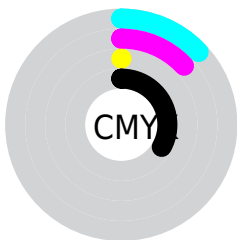
Distribution



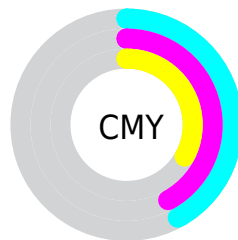
- Red (58%)
- Green (58%)
- Blue (67%)



- Red (58%)
- Yellow (58%)
- Blue (67%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3350, 30.5096, 42.8182 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 30.3350, 30.5096, 42.8182 by changing the saturation by 10% instead.

■ 30.3350, 30.5096,
42.8182

■ 30.3350, 30.5096,
42.8182

295.3447,
304.2726, 373.7628

■ 20.2423, 20.2257,
29.4122

■ 59.5746, 60.4672,
80.7199

■ 12.6806, 12.5592,
19.1446

■ 79.4522, 80.9096,
106.0525

■ 7.2845, 7.1257,
11.5969

103.3221,
105.5070, 136.1979

■ 3.6885, 3.5409,
6.3507

131.5498,
134.6438, 171.5744

■ 1.5275, 1.4202,
2.9872

164.5005,
168.7044, 212.6006

■ 0.3444, 0.2315,
1.0881

202.5397,

■ 0.0000, 0.0000,

208.0731, 259.6950

0.0000

246.0327,
253.1344, 313.2762

■ 30.3350, 30.5096,
42.8182

■ 30.3350, 30.5096,
42.8182

■ 25.0708, 24.1045,
41.8598

■ 36.4165, 37.9258,
43.9296

■ 20.5864, 18.6632,
41.0459

■ 43.3451, 46.3903,
45.1983

■ 16.8457, 14.1401,
40.3700

■ 51.1526, 55.9430,
46.6306

■ 13.8083, 10.4847,
39.8245

■ 59.8683, 66.6205,
48.2322

■ 11.4302, 7.6413,
39.4011

■ 69.5200, 78.4579,
50.0084

■ 9.6625, 5.5480,
39.0902

■ 80.1345, 91.4886,
51.9641

■ 8.4494, 4.1338,
38.8811

■ 84.3508, 95.7203,
52.5587

■ 7.7249, 3.3143,
38.7611

■ 7.4437, 2.9882,
38.7130

Harmonies

Analogous

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



28.6043, 30.5096, 43.6603



30.3350, 30.5096, 42.8182



31.7579, 30.5096, 39.2908

Triad

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



30.3350, 30.5096, 42.8182



31.0473, 30.5096, 26.1295



25.8045, 30.5096, 32.0985

Complementary

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



30.3350, 30.5096, 42.8182



36.4868, 39.8108, 33.7795

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.



26.4037, 30.5096, 27.8087



30.3350, 30.5096, 42.8182



29.3963, 30.5096, 24.5924

Square

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



30.3350, 30.5096, 42.8182



32.1805, 30.5096, 29.5902



27.7018, 30.5096, 25.1750



26.0334, 30.5096, 37.1346

Rectangle

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



30.3350, 30.5096, 42.8182



32.3173, 30.5096, 36.0648



27.7018, 30.5096, 25.1750



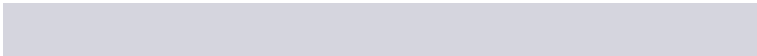
25.9150, 30.5096, 30.5285

Sweetspot

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



30.3359, 30.5109, 42.8189



64.4984, 67.0425, 78.5430



33.9828, 38.0739, 44.0865



14.1942, 14.7199, 17.4808



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.



30.3359, 30.5109, 42.8189



51.5114, 51.2111, 76.1717



32.4922, 31.6225, 42.9198



7.6099, 7.7732, 10.0520



5.6231, 2.2587, 29.1841



0.1666, 0.0681, 0.8123

Inverse Universe

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



34.6412, 32.7413, 42.5255



60.6711, 55.9568, 75.5281



34.1543, 38.6083, 33.6704



8.3218, 8.1420, 10.0056



17.6885, 8.5380, 27.0689



0.4966, 0.2393, 0.7767

Previews

White Background



This preview shows how the XYZ color 30.3350, 30.5096, 42.8182 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 30.3350, 30.5096, 42.8182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

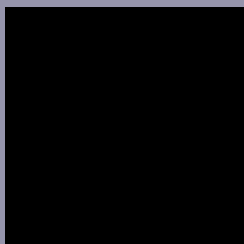
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3350, 30.5096, 42.8182

Background



This preview shows how black text looks on a background with the XYZ color 30.3350, 30.5096, 42.8182.



This preview shows how white text looks on a background with the XYZ color 30.3350, 30.5096,

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

30.3350, 30.5096, 42.8182

Protanopia

30.0479, 30.5844, 43.3494

Deuteranopia

30.9560, 30.3681, 42.7581



Tritanopia

29.3720, 30.5889, 38.0744

Trichromacy



Original Color

30.3350, 30.5096, 42.8182

Protanomaly

30.2265, 30.6765, 43.3578

Deuteranomaly

30.7333, 30.4831, 42.7921

Tritanomaly

29.7517, 30.5074, 39.9177

Monochromacy



Original Color

30.3350, 30.5096, 42.8182

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6556, 30.7653, 36.7230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3350, 30.5096, 42.8182 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(149, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 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(149, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.3350, 30.5096, 42.8182 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(149, 148, 171) }
```


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

```
.border{ border-color:rgb(149, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3350, 30.5096, 42.8182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 171) }
```

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

```
.background{ background-color: rgb(149,  
148, 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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