

Converting Colors

XYZ(30.6220, 35.0637, 51.6090)

Have a look what the booklet for
XYZ(30.6220, 35.0637, 51.6090)
contains.

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Color

**XYZ(30.5252, 34.9552,
51.5926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7AA6BA |
| RGB | 122, 166, 186 |
| RGB Percent | 48%, 65%, 73% |
| CMY | 0.5216, 0.3490, 0.2706 |
| CMYK | 0.34, 0.11, 0.00, 0.27 |
| HSL | 199°, 32%, 60% |
| HSV | 199°, 34%, 73% |
| XYZ | 30.5252, 34.9552, 51.5926 |
| YIQ | 155.1240, -32.6440, -3.1080 |

Conversions

Conversions Part 2

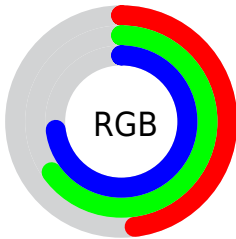
| Format | Color |
|-------------------------------------|---|
| RYB | 122, 148, 186 |
| Decimal | 8038074 |
| CIELab | 65.71, -9.81, -15.04 |
| CIElCh | 66, 17.951, 236.886 |
| Yxy | 34.9552, 0.2607, 0.2986 |
| Android (android.graphics.Color) | 4286228154 (0xFF7AA6BA) |
| YUV | 155.1240, 15.2219, -29.0497 |
| Hunter-Lab | 59.1229, -11.3055, -10.3524 |

Details

The XYZ color **30.5252, 34.9552, 51.5926** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.4361, 31.1907, 22.6714**, and the grayscale version is **31.1566, 32.7791, 35.6965**.

A 20% lighter version of the original color is **59.7880, 67.3538, 93.8538**, and **12.7767, 15.0302, 24.4180** is the 20% darker color. If you saturate the color by 10%, you get **27.1068, 31.6605, 51.1374**, and if you desaturate by 10%, it is **34.4975, 38.6080, 52.0889**.

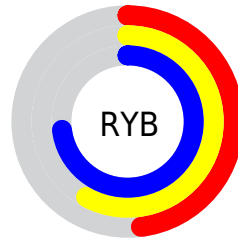
Distribution



Red (48%)

Green (65%)

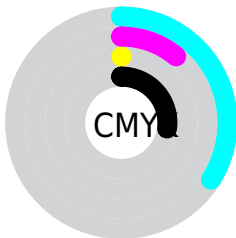
Blue (73%)



Red (48%)

Yellow (58%)

Blue (73%)

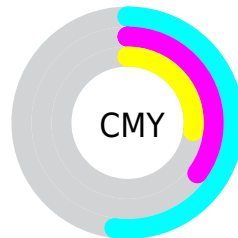


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5252, 34.9552, 51.5926 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 30.5252, 34.9552, 51.5926 by changing the saturation by 10% instead.

■ 30.5252, 34.9552,
51.5926

■ 30.5252, 34.9552,
51.5926

296.2110,
324.3705, 409.7739

■ 20.3876, 23.6284,
36.3004

■ 59.8727, 67.4164,
93.9506

■ 12.7870, 15.0582,
24.3748

■ 79.8134, 89.3195,
121.8535

■ 7.3580, 8.8602,
15.3971

■ 103.7524,
115.5168, 154.7971

■ 3.7353, 4.6501,
8.9489

132.0552,
146.3928, 193.1999

■ 1.5535, 2.0435,
4.6115

165.0871,
182.3317, 237.4804

■ 0.3618, 0.6325,
1.9664

203.2135,

■ 0.0000, 0.0000,

223.7181, 288.0572

0.5345

246.7996,
270.9362, 345.3489

■ 0.0000, 0.0000,
0.0000

■ 30.5252, 34.9552,
51.5926

■ 30.5252, 34.9552,
51.5926

■ 27.1068, 31.6605,
51.1374

■ 34.4975, 38.6080,
52.0889

■ 24.2097, 28.7038,
50.7194

■ 39.0478, 42.6296,
52.6253

■ 21.8025, 26.0686,
50.3376

■ 44.2023, 47.0355,
53.2041

■ 19.8490, 23.7353,
49.9902

■ 49.9848, 51.8387,
53.8264

■ 18.3073, 21.6815,
49.6751

■ 56.4178, 57.0516,
54.4935

■ 17.1271, 19.8800,
49.3896

■ 63.5224, 62.6860,
55.2066

■ 16.5666, 18.9523,
49.2400

■ 71.3190, 68.7533,
55.9668

■ 73.7717, 72.1426,
56.4917

■ 75.2555, 75.1101,
56.9863

Harmonies

Analogous

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



28.8959, 34.9552, 45.0256



30.5252, 34.9552, 51.5926



32.9486, 34.9552, 54.5140

Triad

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



30.5252, 34.9552, 51.5926



38.5588, 34.9552, 38.8562



30.9792, 34.9552, 26.5031

Complementary

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



30.5252, 34.9552, 51.5926



33.4361, 31.1907, 22.6714

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.



33.5006, 34.9552, 25.3031



30.5252, 34.9552, 51.5926



37.9638, 34.9552, 31.8530

Square

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



30.5252, 34.9552, 51.5926



37.6629, 34.9552, 46.5744



36.0771, 34.9552, 27.1289



29.1481, 34.9552, 30.6527

Rectangle

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



30.5252, 34.9552, 51.5926



34.7214, 34.9552, 53.7479



36.0771, 34.9552, 27.1289



31.7701, 34.9552, 25.7673

Sweetspot

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



30.5263, 34.9566, 51.5934



74.6024, 80.5688, 95.8208



30.4084, 41.1852, 31.6252



16.1432, 17.4974, 21.0691



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.5263, 34.9566, 51.5934



50.7272, 58.9539, 92.9070



25.5259, 24.9559, 49.9266



9.0235, 9.7243, 11.4808



11.2146, 12.8888, 33.1498



0.4479, 0.5595, 1.1861

Inverse Universe

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



34.0931, 27.1123, 39.5142



58.3001, 43.2586, 67.0457



38.7453, 41.8089, 24.4411



9.2582, 9.1137, 10.7073



16.2743, 8.0835, 14.5970



0.6003, 0.2956, 0.6543

Previews

White Background



This preview shows how the XYZ color 30.5252, 34.9552, 51.5926 looks on a white background.

Color Contrast Check

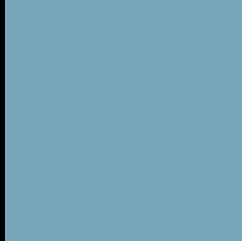
Large Text (above 18pt) WCAG AA × Fail

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 30.5252, 34.9552, 51.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

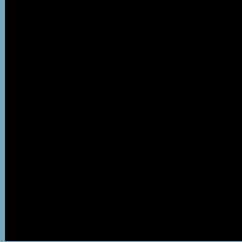
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5252, 34.9552, 51.5926

Background



This preview shows how black text looks on a background with the XYZ color 30.5252, 34.9552, 51.5926.



This preview shows how white text looks on a background with the XYZ color 30.5252, 34.9552,

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

30.5252, 34.9552, 51.5926

Protanopia

34.0849, 34.7585, 48.6287

Deuteranopia

35.2956, 34.5471, 52.3849



Tritanopia

29.9421, 34.9977, 48.3571

Trichromacy



Original Color

30.5252, 34.9552, 51.5926

Protanomaly

32.6198, 34.7483, 49.7876

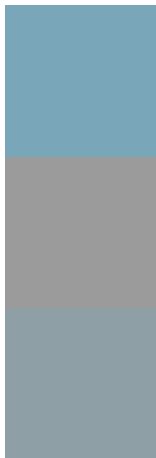
Deuteranomaly

33.2218, 34.4951, 51.9210

Tritanomaly

30.1474, 35.0798, 49.4381

Monochromacy



Original Color

30.5252, 34.9552, 51.5926

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.6088, 33.3891, 40.9079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5252, 34.9552, 51.5926 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(122, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 186)  
}
```

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(122, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.5252, 34.9552, 51.5926 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(122, 166, 186) }
```


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

```
.border{ border-color:rgb(122, 166, 186) }
```

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

Here you see how a box with a 4 pixel rgb(122, 166, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5252, 34.9552, 51.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 186) }
```

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

```
.background{ background-color: rgb(122,  
166, 186) }
```

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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