

Converting Colors

XYZ(30.4822, 35.1778, 50.1603)

Have a look what the booklet for
XYZ(30.4822, 35.1778, 50.1603)
contains.

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Color

**XYZ(30.5343, 35.2673,
49.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA7B7
RGB	123, 167, 183
RGB Percent	48%, 65%, 72%
CMY	0.5176, 0.3451, 0.2823
CMYK	0.33, 0.09, 0.00, 0.28
HSL	196°, 29%, 60%
HSV	196°, 33%, 72%
XYZ	30.5343, 35.2673, 49.9977
YIQ	155.6680, -31.3600, -4.3520

Conversions

Conversions Part 2

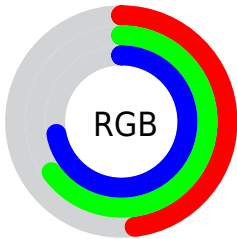
Format	Color
RYB	123, 148, 183
Decimal	8103863
CIELab	65.96, -10.82, -12.99
CIElCh	66, 16.908, 230.221
Yxy	35.2673, 0.2637, 0.3046
Android (android.graphics.Color)	4286293943 (0xFF7BA7B7)
YUV	155.6680, 13.4747, -28.6498
Hunter-Lab	59.3863, -12.1477, -8.3462

Details

The XYZ color **30.5343, 35.2673, 49.9977** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.3366, 29.9628, 22.8187**, and the grayscale version is **31.4048, 33.0403, 35.9809**.

A 20% lighter version of the original color is **59.8327, 67.8217, 91.5987**, and **12.7585, 15.2128, 23.3830** is the 20% darker color. If you saturate the color by 10%, you get **27.2803, 32.2885, 49.5948**, and if you desaturate by 10%, it is **34.3136, 38.5686, 50.4363**.

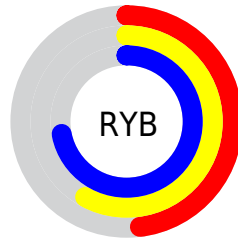
Distribution



Red (48%)

Green (65%)

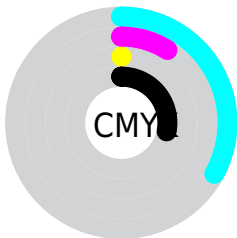
Blue (72%)



Red (48%)

Yellow (58%)

Blue (72%)

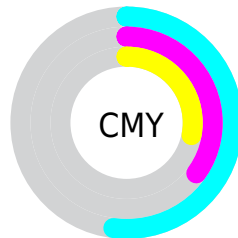


Cyan (33%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5343, 35.2673, 49.9977 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 30.5343, 35.2673, 49.9977 by changing the saturation by 10% instead.

■ 30.5343, 35.2673,
49.9977

■ 30.5343, 35.2673,
49.9977

296.2524,
325.7466, 403.3918

■ 20.3946, 23.8689,
35.0404

■ 59.8870, 67.8997,
91.5677

■ 12.7921, 15.2364,
23.4102

■ 79.8306, 89.9023,
119.0176

■ 7.3616, 8.9854,
14.6885

■ 103.7730,
116.2086, 151.4686

■ 3.7376, 4.7317,
8.4569

132.0793,
147.2027, 189.3395

■ 1.5548, 2.0907,
4.2967

165.1151,
183.2692, 233.0487

■ 0.3626, 0.6594,
1.7895

203.2457,

■ 0.0000, 0.0000,

224.7924, 283.0148

0.4210

246.8363,
272.1568, 339.6563

■ 0.0000, 0.0000,
0.0000

■ 30.5343, 35.2673,
49.9977

■ 30.5343, 35.2673,
49.9977

■ 27.2803, 32.2885,
49.5948

■ 34.3136, 38.5686,
50.4363

■ 24.5206, 29.6132,
49.2239

■ 38.6404, 42.2020,
50.9096

■ 22.2259, 27.2267,
48.8842

■ 43.5398, 46.1817,
51.4195

■ 20.3624, 25.1108,
48.5740

■ 49.0340, 50.5197,
51.9673

■ 18.8911, 23.2449,
48.2914

■ 55.1442, 55.2274,
52.5539

■ 17.7656, 21.6046,
48.0341

■ 61.8905, 60.3158,
53.1805

■ 17.1010, 20.5263,
47.8610

■ 69.2920, 65.7950,
53.8480

■ 71.8681, 68.8403,
54.3000

■ 73.0614, 71.2270,
54.6978

Harmonies

Analogous

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



29.2039, 35.2673, 43.3644



30.5343, 35.2673, 49.9977



32.7097, 35.2673, 53.6490

Triad

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



30.5343, 35.2673, 49.9977



38.4909, 35.2673, 40.7892



31.8843, 35.2673, 26.8633

Complementary

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



30.5343, 35.2673, 49.9977



32.3366, 29.9628, 22.8187

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.



34.3447, 35.2673, 26.3548



30.5343, 35.2673, 49.9977



38.2429, 35.2673, 33.8299

Square

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



30.5343, 35.2673, 49.9977



37.3572, 35.2673, 47.9122



36.6953, 35.2673, 28.7508



29.9559, 35.2673, 30.2385

Rectangle

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



30.5343, 35.2673, 49.9977



34.3819, 35.2673, 53.6259



36.6953, 35.2673, 28.7508



32.6737, 35.2673, 26.3692

Sweetspot

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



30.5354, 35.2687, 49.9985



71.4024, 77.3894, 91.4100



29.6900, 39.9136, 30.1848



15.5090, 16.8784, 20.1621



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.5354, 35.2687, 49.9985



50.5915, 59.4442, 89.0431



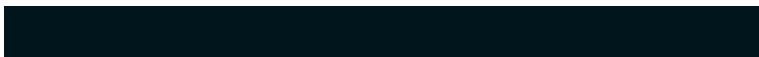
25.8048, 25.8076, 48.4217



9.0586, 9.7945, 11.4925



11.9885, 14.4366, 33.4078



0.4705, 0.6048, 1.1937

Inverse Universe

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



33.5873, 27.0240, 40.0067



56.9944, 42.9561, 67.8988



37.1069, 39.5033, 24.4088



9.2759, 9.1207, 10.8005



16.6649, 8.2397, 16.6540



0.6117, 0.3001, 0.7145

Previews

White Background



This preview shows how the XYZ color 30.5343, 35.2673, 49.9977 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 30.5343, 35.2673, 49.9977 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 30.5343, 35.2673, 49.9977

Background



This preview shows how black text looks on a background with the XYZ color 30.5343, 35.2673, 49.9977.



This preview shows how white text looks on a background with the XYZ color 30.5343, 35.2673,

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

30.5343, 35.2673, 49.9977

Protanopia

34.3386, 35.1787, 47.0998

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

30.1852, 35.1112, 48.9023

Trichromacy



Original Color

30.5343, 35.2673, 49.9977

Protanomaly

32.8356, 35.1557, 48.2351

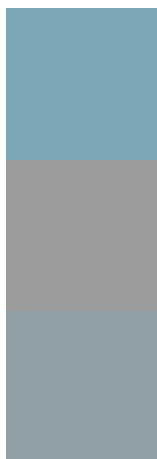
Deuteranomaly

33.4353, 34.8982, 50.3212

Tritanomaly

30.2883, 35.1524, 49.4447

Monochromacy



Original Color

30.5343, 35.2673, 49.9977

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9553, 33.8241, 40.9736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5343, 35.2673, 49.9977 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(123, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(123, 167, 183)  
}
```

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(123, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 30.5343, 35.2673, 49.9977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

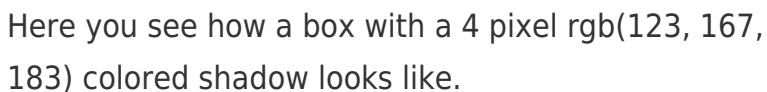
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 167, 183) }
```


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

```
.border{ border-color:rgb(123, 167, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(123, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5343, 35.2673, 49.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 167, 183) }
```

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

```
.background{ background-color: rgb(123,  
167, 183) }
```

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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