

Converting Colors

XYZ(30.9055, 35.4810, 49.9220)

Have a look what the booklet for
XYZ(30.9055, 35.4810, 49.9220)
contains.

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Color

**XYZ(30.9701, 35.4920,
50.0181)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA7B7
RGB	126, 167, 183
RGB Percent	49%, 65%, 72%
CMY	0.5059, 0.3451, 0.2823
CMYK	0.31, 0.09, 0.00, 0.28
HSL	197°, 28%, 61%
HSV	197°, 31%, 72%
XYZ	30.9701, 35.4920, 50.0181
YIQ	156.5650, -29.5720, -3.7160

Conversions

Conversions Part 2

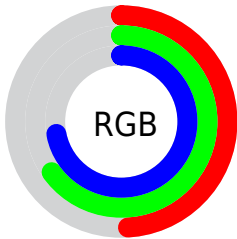
Format	Color
R_{YB}	126, 150, 183
Decimal	8300471
CIE _{Lab}	66.13, -9.95, -12.72
CIE _{LCh}	66, 16.143, 231.970
Yxy	35.4920, 0.2659, 0.3047
Android (android.graphics.Color)	4286490551 (0xFF7EA7B7)
YUV	156.5650, 13.0325, -26.8055
Hunter-Lab	59.5752, -11.4635, -8.0761

Details

The XYZ color **30.9701, 35.4920, 50.0181** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.9677, 30.9197, 23.9698**, and the grayscale version is **31.8063, 33.4627, 36.4409**.

A 20% lighter version of the original color is **60.5237, 68.1778, 91.6311**, and **13.0616, 15.3690, 23.3972** is the 20% darker color. If you saturate the color by 10%, you get **27.5925, 32.3823, 49.5965**, and if you desaturate by 10%, it is **34.8809, 38.9337, 50.4769**.

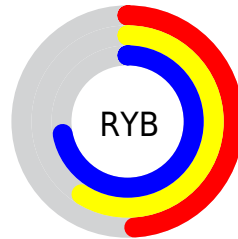
Distribution



Red (49%)

Green (65%)

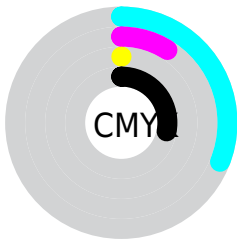
Blue (72%)



Red (49%)

Yellow (59%)

Blue (72%)

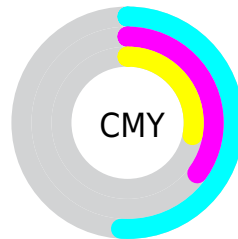


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9701, 35.4920, 50.0181 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 30.9701, 35.4920, 50.0181 by changing the saturation by 10% instead.

■ 30.9701, 35.4920,
50.0181

■ 30.9701, 35.4920,
50.0181

298.2299,
326.7347, 403.4738

■ 20.7278, 24.0421,
35.0565

■ 60.5692, 68.2473,
91.5983

■ 13.0365, 15.3649,
23.4225

■ 80.6566, 90.3214,
119.0539

■ 7.5309, 9.0759,
14.6976

■ 104.7565,
116.7058, 151.5113

■ 3.8455, 4.7907,
8.4631

133.2342,
147.7848, 189.3891

■ 1.6151, 2.1250,
4.3007

166.4550,
183.9428, 233.1056

■ 0.4022, 0.6786,
1.7917

204.7843,

■ 0.0000, 0.0000,

225.5641, 283.0796

0.4225

248.5875,
273.0333, 339.7295

■ 0.0000, 0.0000,
0.0000

■ 30.9701, 35.4920,
50.0181

■ 30.9701, 35.4920,
50.0181

■ 27.5925, 32.3823,
49.5965

■ 34.8809, 38.9337,
50.4769

■ 24.7174, 29.5858,
49.2082

■ 39.3470, 42.7169,
50.9717

■ 22.3159, 27.0876,
48.8526

■ 44.3930, 46.8558,
51.5047

■ 20.3549, 24.8699,
48.5279

■ 50.0411, 51.3625,
52.0769

■ 18.7962, 22.9126,
48.2323

■ 56.3125, 56.2483,
52.6894

■ 17.5949, 21.1917,
47.9634

■ 63.2270, 61.5243,
53.3433

■ 16.7498, 19.8238,
47.7439

■ 70.8038, 67.2007,
54.0396

■ 72.3659, 69.8361,
54.4660

■ 73.6393, 72.3829,
54.8904

Harmonies

Analogous

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



29.6328, 35.4920, 43.8032



30.9701, 35.4920, 50.0181



33.0935, 35.4920, 53.2646

Triad

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



30.9701, 35.4920, 50.0181



38.5131, 35.4920, 40.5206



32.0369, 35.4920, 27.6381

Complementary

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



30.9701, 35.4920, 50.0181



32.9677, 30.9197, 23.9698

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.



34.3829, 35.4920, 26.9795



30.9701, 35.4920, 50.0181



38.1973, 35.4920, 33.9081

Square

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



30.9701, 35.4920, 50.0181



37.5013, 35.4920, 47.3725



36.6578, 35.4920, 29.1411



30.2280, 35.4920, 31.0608

Rectangle

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



30.9701, 35.4920, 50.0181



34.7003, 35.4920, 53.0695



36.6578, 35.4920, 29.1411



32.7860, 35.4920, 27.1038

Sweetspot

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



30.9712, 35.4934, 50.0189



72.1904, 77.9339, 91.4736



30.3609, 40.2323, 31.4435



15.6671, 16.9830, 20.1739



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.



30.9712, 35.4934, 50.0189



51.4508, 59.8997, 89.0858



26.4282, 26.4075, 48.5046



9.0479, 9.7730, 11.4889



11.7450, 13.9497, 33.3266



0.4635, 0.5907, 1.1913

Inverse Universe

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



33.9652, 27.7798, 40.1328



57.7365, 44.4334, 68.1672



37.6135, 40.2114, 25.5185



9.2705, 9.1186, 10.7719



16.5420, 8.1906, 16.0070



0.6081, 0.2987, 0.6957

Previews

White Background



This preview shows how the XYZ color 30.9701, 35.4920, 50.0181 looks on a white background.

Color Contrast Check

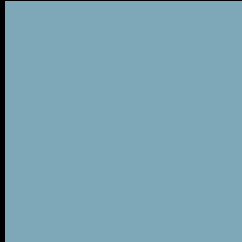
Large Text (above 18pt) WCAG AA × Fail

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 30.9701, 35.4920, 50.0181 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

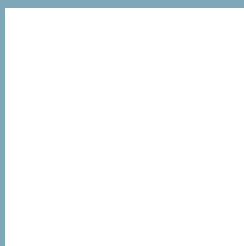
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9701, 35.4920, 50.0181

Background



This preview shows how black text looks on a background with the XYZ color 30.9701, 35.4920, 50.0181.



This preview shows how white text looks on a background with the XYZ color 30.9701, 35.4920,

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

30.9701, 35.4920, 50.0181

Protanopia

34.5346, 35.2797, 47.1090

Deuteranopia

35.9553, 35.1722, 50.7928



Tritanopia

30.6167, 35.3336, 48.9225

Trichromacy



Original Color

30.9701, 35.4920, 50.0181

Protanomaly

33.0126, 35.2469, 48.2434

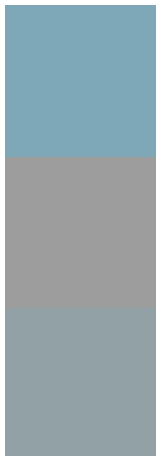
Deuteranomaly

33.8002, 35.0863, 50.3383

Tritanomaly

30.7197, 35.3748, 49.4649

Monochromacy



Original Color

30.9701, 35.4920, 50.0181

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4819, 34.3539, 41.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9701, 35.4920, 50.0181 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(126, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 30.9701, 35.4920, 50.0181 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(126, 167, 183) }
```


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

```
.border{ border-color:rgb(126, 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(126, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9701, 35.4920, 50.0181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 167, 183) }
```

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

```
.background{ background-color: rgb(126,  
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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