

Converting Colors

XYZ(30.8103, 31.5052, 52.5467)

Have a look what the booklet for
XYZ(30.8103, 31.5052, 52.5467)
contains.

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Color

**XYZ(30.7301, 31.4490,
52.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	8998BD
RGB	137, 152, 189
RGB Percent	54%, 60%, 74%
CMY	0.4627, 0.4039, 0.2588
CMYK	0.28, 0.20, 0.00, 0.26
HSL	223°, 28%, 64%
HSV	223°, 28%, 74%
XYZ	30.7301, 31.4490, 52.5947
YIQ	151.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

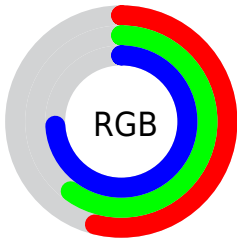
Format	Color
RYB	137, 149, 189
Decimal	9017533
CIELab	62.88, 3.15, -20.92
CIELCh	63, 21.152, 278.567
Yxy	31.4490, 0.2677, 0.2740
Android (android.graphics.Color)	4287207613 (0xFF8998BD)
YUV	151.7330, 18.3726, -12.9208
Hunter-Lab	56.0794, -0.3255, -16.3502

Details

The XYZ color **30.7301, 31.4490, 52.5947** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.6381, 42.8973, 29.8060**, and the grayscale version is **29.6606, 31.2053, 33.9826**.

A 20% lighter version of the original color is **60.0386, 61.8116, 95.1527**, and **12.9354, 13.0634, 25.1323** is the 20% darker color. If you saturate the color by 10%, you get **25.8389, 25.8697, 51.7761**, and if you desaturate by 10%, it is **36.4135, 37.8056, 53.5226**.

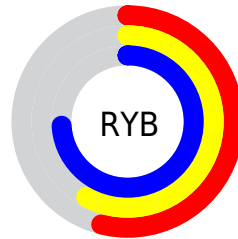
Distribution



Red (54%)

Green (60%)

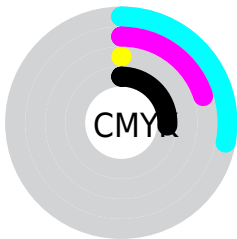
Blue (74%)



Red (54%)

Yellow (58%)

Blue (74%)

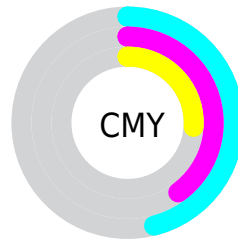


Cyan (28%)

Magenta (20%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7301, 31.4490, 52.5947 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 30.7301, 31.4490, 52.5947 by changing the saturation by 10% instead.

■ 30.7301, 31.4490,
52.5947

■ 30.7301, 31.4490,
52.5947

297.1421,
308.6016, 413.7503

■ 20.5442, 20.9410,
37.0938

■ 60.1936, 61.9463,
95.4432

■ 12.9018, 13.0809,
24.9838

■ 80.2020, 82.7044,
123.6279

■ 7.4375, 7.4843,
15.8461

■ 104.2152,
107.6479, 156.8776

■ 3.7859, 3.7668,
9.2621

132.5987,
137.1613, 195.6109

■ 1.5818, 1.5440,
4.8134

165.7178,
171.6290, 240.2462

■ 0.3805, 0.3194,
2.0814

203.9378,

■ 0.0000, 0.0000,

211.4353, 291.2022

0.6047

247.6241,
256.9647, 348.8974

■ 0.0000, 0.0000,
0.0000

■ 30.7301, 31.4490,
52.5947

■ 30.7301, 31.4490,
52.5947

■ 25.8389, 25.8697,
51.7761

■ 36.4135, 37.8056,
53.5226

■ 21.7004, 21.0327,
51.0606

■ 42.9201, 44.9649,
54.5616

■ 18.2760, 16.9063,
50.4446

■ 50.2831, 52.9558,
55.7159

■ 15.5223, 13.4542,
49.9234

■ 58.5327, 61.8045,
56.9891

■ 13.3909, 10.6370,
49.4920

■ 67.6977, 71.5362,
58.3844

■ 11.8261, 8.4104,
49.1447

■ 77.8055, 82.1749,
59.9052

■ 10.7507, 6.7174,
48.8746

■ 83.4230, 90.9293,
61.2989

■ 10.5291, 6.3615,
48.8176

■ 86.1854, 96.4542,
62.2197

Harmonies

Analogous

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



27.8989, 31.4490, 51.3709



30.7301, 31.4490, 52.5947



33.5058, 31.4490, 48.3146

Triad

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



30.7301, 31.4490, 52.5947



34.4686, 31.4490, 25.2169



24.9935, 31.4490, 28.7302

Complementary

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



30.7301, 31.4490, 52.5947



40.6381, 42.8973, 29.8060

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.



26.5467, 31.4490, 23.2085



30.7301, 31.4490, 52.5947



31.9764, 31.4490, 21.4201

Square

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



30.7301, 31.4490, 52.5947



35.7538, 31.4490, 31.9173



29.0680, 31.4490, 20.7495



24.7075, 31.4490, 36.6782

Rectangle

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



30.7301, 31.4490, 52.5947



34.9083, 31.4490, 43.2682



29.0680, 31.4490, 20.7495



25.3797, 31.4490, 26.5685

Sweetspot

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



30.7311, 31.4503, 52.5954



76.1080, 79.6993, 97.5984



36.0965, 44.7469, 46.4736



15.9706, 16.7054, 20.9253



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.



30.7311, 31.4503, 52.5954



49.6025, 50.1515, 93.2921



30.2363, 27.8065, 51.9182



9.2347, 9.6617, 12.0504



7.1420, 4.3957, 32.8649



0.3379, 0.2885, 1.3067

Inverse Universe

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



35.6003, 30.9781, 33.8102



59.8688, 49.5348, 53.5997



41.2117, 47.7380, 30.7101



9.6403, 9.5804, 10.4950



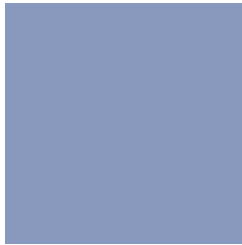
14.6057, 7.4734, 3.2173



0.6015, 0.3045, 0.2806

Previews

White Background



This preview shows how the XYZ color 30.7301, 31.4490, 52.5947 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 30.7301, 31.4490, 52.5947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

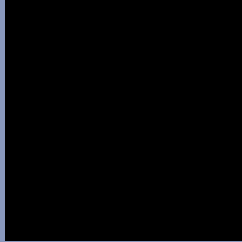
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7301, 31.4490, 52.5947

Background



This preview shows how black text looks on a background with the XYZ color 30.7301, 31.4490, 52.5947.



This preview shows how white text looks on a background with the XYZ color 30.7301, 31.4490,

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

30.7301, 31.4490, 52.5947

Protanopia

31.3111, 31.2832, 51.9649

Deuteranopia

32.0743, 31.4156, 53.0885



Tritanopia

28.6292, 31.5906, 41.6345

Trichromacy



Original Color

30.7301, 31.4490, 52.5947

Protanomaly

31.1282, 31.4268, 52.0023

Deuteranomaly

31.5283, 31.3700, 53.1085

Tritanomaly

29.3893, 31.6456, 45.6335

Monochromacy



Original Color

30.7301, 31.4490, 52.5947

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0524, 31.3761, 40.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7301, 31.4490, 52.5947 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(137, 152, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 152, 189)  
}
```

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(137, 152, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 152, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.7301, 31.4490, 52.5947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

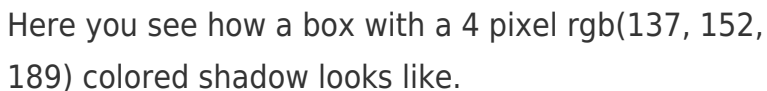
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 152, 189) }
```


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

```
.border{ border-color:rgb(137, 152, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 152, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 152, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 152, 189); box-shadow:4px 4px 4px 4px rgb(137, 152, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7301, 31.4490, 52.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 152, 189) }
```

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

```
.background{ background-color: rgb(137,  
152, 189) }
```

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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