

Converting Colors

XYZ(30.7246, 31.0381, 52.2328)

Have a look what the booklet for
XYZ(30.7246, 31.0381, 52.2328)
contains.

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Color

**XYZ(30.7391, 30.9758,
52.5029)**

Conversions

Conversions Part 1

Format	Color
Hex	8B96BD
RGB	139, 150, 189
RGB Percent	55%, 59%, 74%
CMY	0.4549, 0.4118, 0.2588
CMYK	0.26, 0.21, 0.00, 0.26
HSL	227°, 27%, 64%
HSV	227°, 26%, 74%
XYZ	30.7391, 30.9758, 52.5029
YIQ	151.1570, -19.0750, 9.7970

Conversions

Conversions Part 2

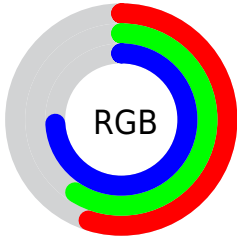
Format	Color
RYB	139, 148, 189
Decimal	9148093
CIELab	62.49, 4.90, -21.51
CIELCh	62, 22.061, 282.829
Yxy	30.9758, 0.2691, 0.2712
Android (android.graphics.Color)	4287338173 (0xFF8B96BD)
YUV	151.1570, 18.6566, -10.6617
Hunter-Lab	55.6559, 1.1888, -16.9720

Details

The XYZ color **30.7391, 30.9758, 52.5029** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.5672, 44.5238, 30.8301**, and the grayscale version is **29.4119, 30.9436, 33.6976**.

A 20% lighter version of the original color is **60.0666, 61.1158, 95.0169**, and **12.9303, 12.7760, 25.0771** is the 20% darker color. If you saturate the color by 10%, you get **25.6458, 25.0756, 51.6330**, and if you desaturate by 10%, it is **36.6759, 37.7516, 53.4984**.

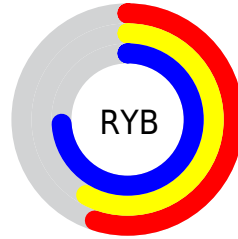
Distribution



Red (55%)

Green (59%)

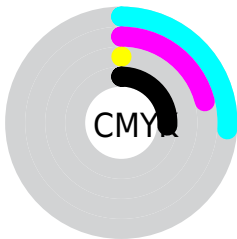
Blue (74%)



Red (55%)

Yellow (58%)

Blue (74%)

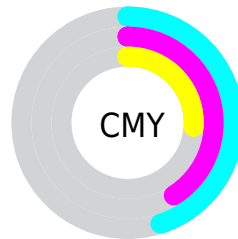


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (41%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7391, 30.9758, 52.5029 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 30.7391, 30.9758, 52.5029 by changing the saturation by 10% instead.

■ 30.7391, 30.9758,
52.5029

■ 30.7391, 30.9758,
52.5029

297.1829,
306.4268, 413.3871

■ 20.5511, 20.5804,
37.0211

■ 60.2077, 61.2020,
95.3066

■ 12.9069, 12.8177,
24.9279

■ 80.2191, 81.8015,
123.4656

■ 7.4410, 7.3031,
15.8048

■ 104.2356,
106.5713, 156.6874

■ 3.7882, 3.6524,
9.2333

132.6226,
135.8957, 195.3905

■ 1.5830, 1.4811,
4.7948

165.7455,
170.1590, 239.9934

■ 0.3813, 0.2753,
2.0707

203.9696,

■ 0.0000, 0.0000,

209.7457, 290.9149

0.5983

247.6603,
255.0402, 348.5732

■ 0.0000, 0.0000,
0.0000

■ 30.7391, 30.9758,
52.5029

■ 30.7391, 30.9758,
52.5029

■ 25.6458, 25.0756,
51.6330

■ 36.6759, 37.7516,
53.4984

■ 21.3541, 20.0109,
50.8816

■ 43.4896, 45.4336,
54.6220

■ 17.8226, 15.7440,
50.2442

■ 51.2156, 54.0552,
55.8790

■ 15.0053, 12.2327,
49.7149

■ 59.8862, 63.6471,
57.2734

■ 12.8506, 9.4305,
49.2876

■ 69.5321, 74.2387,
58.8094

■ 11.2998, 7.2855,
48.9553

■ 80.1828, 85.8579,
60.4908

■ 10.2783, 5.7354,
48.7099

■ 85.6121, 95.3075,
62.0286

■ 9.9987, 5.3008,
48.6408

■ 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.



27.7737, 30.9758, 52.0697



30.7391, 30.9758, 52.5029



33.5332, 30.9758, 47.3287

Triad

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



30.7391, 30.9758, 52.5029



33.8708, 30.9758, 23.7105



24.2743, 30.9758, 29.0883

Complementary

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



30.7391, 30.9758, 52.5029



41.5672, 44.5238, 30.8301

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.



25.6971, 30.9758, 23.0188



30.7391, 30.9758, 52.5029



31.1749, 30.9758, 20.2946

Square

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



30.7391, 30.9758, 52.5029



35.4221, 30.9758, 30.1956



28.1811, 30.9758, 20.0650



24.1752, 30.9758, 37.5243

Rectangle

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



30.7391, 30.9758, 52.5029



34.8687, 30.9758, 41.8345



28.1811, 30.9758, 20.0650



24.6090, 30.9758, 26.7418

Sweetspot

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



30.7401, 30.9770, 52.5036



75.7344, 78.9522, 97.4739



36.8148, 45.0724, 48.5295



15.8768, 16.5179, 20.8940



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.



30.7401, 30.9770, 52.5036



49.3525, 48.8940, 93.0625



31.4301, 28.8478, 52.0563



9.1822, 9.5567, 12.0329



6.7749, 3.6616, 32.7426



0.3152, 0.2430, 1.2991

Inverse Universe

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



35.7247, 31.4869, 33.0502



59.9275, 50.2661, 51.7265



40.6876, 47.4512, 31.4415



9.6138, 9.5698, 10.3553



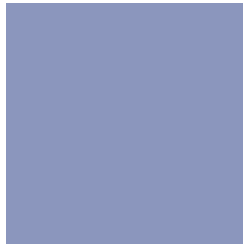
14.4204, 7.3993, 2.2417



0.5900, 0.2999, 0.2201

Previews

White Background



This preview shows how the XYZ color 30.7391, 30.9758, 52.5029 looks on a white background.

Color Contrast Check

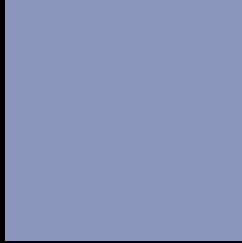
Large Text (above 18pt) WCAG AA × Fail

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 30.7391, 30.9758, 52.5029 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 30.7391, 30.9758, 52.5029

Background



This preview shows how black text looks on a background with the XYZ color 30.7391, 30.9758, 52.5029.



This preview shows how white text looks on a background with the XYZ color 30.7391, 30.9758,

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

30.7391, 30.9758, 52.5029

Protanopia

30.9173, 30.8317, 52.4657

Deuteranopia

31.6293, 30.9649, 52.4539



Tritanopia

28.2701, 30.9327, 40.5570

Trichromacy



Original Color

30.7391, 30.9758, 52.5029

Protanomaly

30.7480, 30.7445, 52.4578

Deuteranomaly

31.2604, 31.0087, 52.4818

Tritanomaly

29.1846, 31.0727, 44.5038

Monochromacy



Original Color

30.7391, 30.9758, 52.5029

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8908, 31.0529, 40.0157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7391, 30.9758, 52.5029 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(139, 150, 189)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 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(139, 150, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 189) }
```

Border

The CSS property to change the border of an element to XYZ 30.7391, 30.9758, 52.5029 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(139, 150, 189) }
```


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

```
.border{ border-color:rgb(139, 150, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 150, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 150, 189); box-shadow:4px 4px 4px 4px rgb(139, 150, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7391, 30.9758, 52.5029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 189) }
```

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

```
.background{ background-color: rgb(139,  
150, 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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