

Converting Colors

XYZ(30.6904, 31.7321, 49.8548)

Have a look what the booklet for
XYZ(30.6904, 31.7321, 49.8548)
contains.

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Color

**XYZ(30.6904, 31.7321,
49.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	8B99B8
RGB	139, 153, 184
RGB Percent	55%, 60%, 72%
CMY	0.4549, 0.4000, 0.2784
CMYK	0.24, 0.17, 0.00, 0.28
HSL	221°, 24%, 63%
HSV	221°, 24%, 72%
XYZ	30.6904, 31.7321, 49.8548
YIQ	152.3480, -18.2950, 6.6730

Conversions

Conversions Part 2

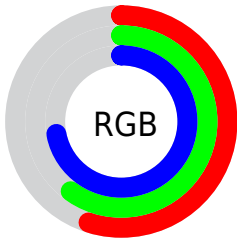
Format	Color
R _Y B	139, 150, 184
Decimal	9148856
CIE Lab	63.12, 1.99, -17.74
CIE LCh	63, 17.846, 276.389
Yxy	31.7321, 0.2733, 0.2826
Android (android.graphics.Color)	4287338936 (0xFF8B99B8)
YUV	152.3480, 15.6044, -11.7062
Hunter-Lab	56.3313, -1.3293, -13.0415

Details

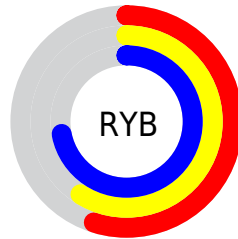
The XYZ color **30.6904, 31.7321, 49.8548** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8025, 40.8041, 30.2577**, and the grayscale version is **29.9364, 31.4955, 34.2985**.

A 20% lighter version of the original color is **60.0333, 62.2544, 91.2903**, and **12.8726, 13.2161, 23.3452** is the 20% darker color. If you saturate the color by 10%, you get **25.9074, 26.3492, 49.0684**, and if you desaturate by 10%, it is **36.2129, 37.8249, 50.7403**.

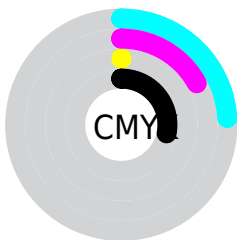
Distribution



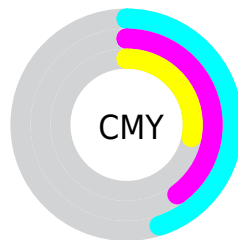
- Red (55%)
- Green (60%)
- Blue (72%)



- Red (55%)
- Yellow (59%)
- Blue (72%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6904, 31.7321, 49.8548 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 30.6904, 31.7321, 49.8548 by changing the saturation by 10% instead.

■ 30.6904, 31.7321,
49.8548

■ 30.6904, 31.7321,
49.8548

296.9619,
309.8971, 402.8166

■ 20.5139, 21.1570,
34.9277

■ 60.1315, 62.3909,
91.3538

■ 12.8796, 13.2388,
23.3241

■ 80.1267, 83.2433,
118.7627

■ 7.4221, 7.5932,
14.6254

■ 104.1256,
108.2902, 151.1694

■ 3.7761, 3.8358,
8.4132

132.4935,
137.9162, 188.9922

■ 1.5763, 1.5821,
4.2689

165.5957,
172.5054, 232.6498

■ 0.3769, 0.3455,
1.7740

203.7976,

■ 0.0000, 0.0000,

212.4424, 282.5607

0.4107

247.4645,
258.1115, 339.1435

■ 0.0000, 0.0000,
0.0000

■ 30.6904, 31.7321,
49.8548

■ 30.6904, 31.7321,
49.8548

■ 25.9074, 26.3492,
49.0684

■ 36.2129, 37.8249,
50.7403

■ 21.8282, 21.6453,
48.3755

■ 42.5024, 44.6494,
51.7260

■ 18.4185, 17.5929,
47.7730

■ 49.5889, 52.2308,
52.8159

■ 15.6397, 14.1607,
47.2570

■ 57.4997, 60.5924,
54.0129

■ 13.4491, 11.3148,
46.8231

■ 66.2606, 69.7560,
55.3199

■ 11.7979, 9.0173,
46.4667

■ 75.8966, 79.7428,
56.7397

■ 10.6286, 7.2248,
46.1823

■ 81.5632, 88.0635,
58.0471

■ 10.1274, 6.4118,
46.0518

■ 85.4619, 95.8608,
59.3466

■ 85.6518, 96.2407,
59.4100

Harmonies

Analogous

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



28.3035, 31.7321, 48.5249



30.6904, 31.7321, 49.8548



33.0576, 31.7321, 46.6568

Triad

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



30.6904, 31.7321, 49.8548



34.1348, 31.7321, 27.1142



26.0266, 31.7321, 29.3994

Complementary

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



30.6904, 31.7321, 49.8548



38.8025, 40.8041, 30.2577

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.



27.4377, 31.7321, 24.7441



30.6904, 31.7321, 49.8548



32.0968, 31.7321, 23.5557

Square

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



30.6904, 31.7321, 49.8548



35.1148, 31.7321, 33.0637



29.6366, 31.7321, 22.7510



25.6954, 31.7321, 36.0820

Rectangle

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



30.6904, 31.7321, 49.8548



34.2780, 31.7321, 42.6138



29.6366, 31.7321, 22.7510



26.3865, 31.7321, 27.5751

Sweetspot

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



30.6914, 31.7334, 49.8555



73.8731, 77.5137, 93.2727



35.0207, 42.6634, 44.2961



15.7766, 16.5493, 20.0844



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.



30.6914, 31.7334, 49.8555



51.1108, 52.4586, 89.6363



29.9626, 28.1529, 49.2028



8.7430, 9.1632, 11.3873



7.0360, 4.5317, 31.7569



0.3049, 0.2735, 1.1385

Inverse Universe

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



34.7504, 30.9563, 34.2820



59.7372, 51.0900, 56.4749



39.6494, 45.3467, 31.0899



9.1166, 9.0570, 9.9616



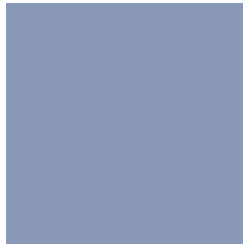
14.1651, 7.2398, 3.4904



0.5281, 0.2667, 0.2743

Previews

White Background



This preview shows how the XYZ color 30.6904, 31.7321, 49.8548 looks on a white background.

Color Contrast Check

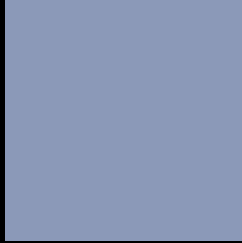
Large Text (above 18pt) WCAG AA × Fail

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 30.6904, 31.7321, 49.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

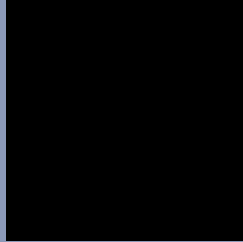
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6904, 31.7321, 49.8548

Background



This preview shows how black text looks on a background with the XYZ color 30.6904, 31.7321, 49.8548.



This preview shows how white text looks on a background with the XYZ color 30.6904, 31.7321,

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

30.6904, 31.7321, 49.8548

Protanopia

31.4679, 31.6631, 49.2528

Deuteranopia

32.2669, 31.5770, 50.2933



Tritanopia

29.1097, 31.8383, 41.6570

Trichromacy



Original Color

30.6904, 31.7321, 49.8548

Protanomaly

31.1032, 31.7150, 49.2820

Deuteranomaly

31.6959, 31.5185, 50.3121

Tritanomaly

29.6779, 31.8170, 44.6215

Monochromacy



Original Color

30.6904, 31.7321, 49.8548

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9617, 31.3399, 39.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6904, 31.7321, 49.8548 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, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 184)  
}
```

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, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 184) }
```

Border

The CSS property to change the border of an element to XYZ 30.6904, 31.7321, 49.8548 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, 153, 184) }
```


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

```
.border{ border-color:rgb(139, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6904, 31.7321, 49.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 184) }
```

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

```
.background{ background-color: rgb(139,  
153, 184) }
```

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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