

Converting Colors

XYZ(31.9501, 32.1535, 53.9601)

Have a look what the booklet for
XYZ(31.9501, 32.1535, 53.9601)
contains.

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Color

**XYZ(31.7875, 31.9688,
53.7854)**

Conversions

Conversions Part 1

Format	Color
Hex	8E98BF
RGB	142, 152, 191
RGB Percent	56%, 60%, 75%
CMY	0.4431, 0.4039, 0.2510
CMYK	0.26, 0.20, 0.00, 0.25
HSL	228°, 28%, 65%
HSV	228°, 26%, 75%
XYZ	31.7875, 31.9688, 53.7854
YIQ	153.4560, -18.4790, 10.0090

Conversions

Conversions Part 2

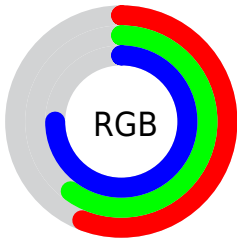
Format	Color
RYB	142, 150, 191
Decimal	9345215
CIELab	63.32, 5.18, -21.35
CIELCh	63, 21.966, 283.640
Yxy	31.9688, 0.2704, 0.2720
Android (android.graphics.Color)	4287535295 (0xFF8E98BF)
YUV	153.4560, 18.5092, -10.0469
Hunter-Lab	56.5410, 1.4066, -16.8218

Details

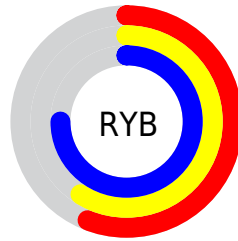
The XYZ color **31.7875, 31.9688, 53.7854** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8926, 46.0773, 32.2252**, and the grayscale version is **30.4053, 31.9888, 34.8358**.

A 20% lighter version of the original color is **61.6248, 62.5938, 96.8295**, and **13.4834, 13.3377, 25.5307** is the 20% darker color. If you saturate the color by 10%, you get **26.4759, 25.8003, 52.8752**, and if you desaturate by 10%, it is **37.9789, 39.0619, 54.8287**.

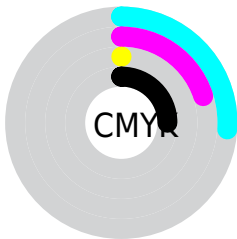
Distribution



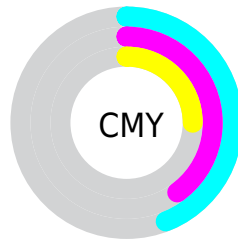
- Red (56%)
- Green (60%)
- Blue (75%)



- Red (56%)
- Yellow (59%)
- Blue (75%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7875, 31.9688, 53.7854 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 31.7875, 31.9688, 53.7854 by changing the saturation by 10% instead.

■ 31.7875, 31.9688,
53.7854

■ 31.7875, 31.9688,
53.7854

301.9126,
310.9771, 418.4426

■ 21.3540, 21.3377,
38.0381

■ 61.8453, 62.7622,
97.2123

■ 13.4969, 13.3711,
25.7102

■ 82.2002, 83.6932,
125.7290

■ 7.8510, 7.6845,
16.3832

106.5930,
108.8263, 159.3392

■ 4.0507, 3.8938,
9.6384

135.3891,
138.5459, 198.4616

■ 1.7309, 1.6143,
5.0574

168.9537,
173.2364, 243.5145

■ 0.4755, 0.3672,
2.2217

207.6523,

■ 0.0000, 0.0000,

213.2822, 294.9167

0.6868

251.8501,
259.0676, 353.0865

■ 0.0000, 0.0000,
0.0000

■ 31.7875, 31.9688,
53.7854

■ 31.7875, 31.9688,
53.7854

■ 26.4759, 25.8003,
52.8752

■ 37.9789, 39.0619,
54.8287

■ 22.0005, 20.5138,
52.0907

■ 45.0849, 47.1119,
56.0080

■ 18.3185, 16.0693,
51.4269

■ 53.1423, 56.1544,
57.3287

■ 15.3820, 12.4219,
50.8777

■ 62.1845, 66.2221,
58.7954

■ 13.1376, 9.5223,
50.4363

■ 72.2438, 77.3460,
60.4123

■ 11.5245, 7.3156,
50.0954

■ 82.7585, 89.2505,
62.1560

■ 10.4691, 5.7374,
49.8464

■ 86.4041, 96.5416,
63.3711

■ 10.1291, 5.2116,
49.7628

Harmonies

Analogous

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



28.7654, 31.9688, 53.5104



31.7875, 31.9688, 53.7854



34.6091, 31.9688, 48.4129

Triad

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



31.7875, 31.9688, 53.7854



34.8240, 31.9688, 24.4688



25.1052, 31.9688, 30.2945

Complementary

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



31.7875, 31.9688, 53.7854



42.8926, 46.0773, 32.2252

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.



26.5201, 31.9688, 24.0263



31.7875, 31.9688, 53.7854



32.0651, 31.9688, 21.0676

Square

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



31.7875, 31.9688, 53.7854



36.4397, 31.9688, 31.0012



29.0251, 31.9688, 20.9204



25.0418, 31.9688, 38.9156

Rectangle

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



31.7875, 31.9688, 53.7854



35.9410, 31.9688, 42.7999



29.0251, 31.9688, 20.9204



25.4340, 31.9688, 27.8796

Sweetspot

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



31.7885, 31.9701, 53.7861



77.4431, 80.6482, 99.7641



38.0642, 46.3240, 50.3209



16.5699, 17.2167, 21.8351



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.7885, 31.9701, 53.7861



51.1925, 50.6117, 95.3500



32.7655, 30.1648, 53.3862



9.1700, 9.5324, 12.0288



6.7039, 3.5196, 32.7189



0.3099, 0.2324, 1.2974

Inverse Universe

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



36.8272, 32.6903, 34.0759



61.8794, 52.3986, 53.4865



41.6720, 48.5760, 32.7718



9.6077, 9.5674, 10.3230



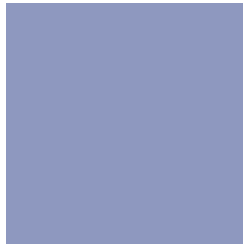
14.3846, 7.3850, 2.0530



0.5873, 0.2988, 0.2061

Previews

White Background



This preview shows how the XYZ color 31.7875, 31.9688, 53.7854 looks on a white background.

Color Contrast Check

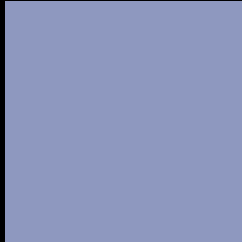
Large Text (above 18pt) WCAG AA × Fail

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 31.7875, 31.9688, 53.7854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

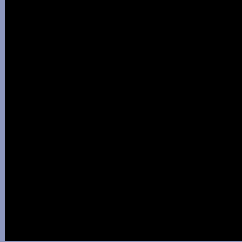
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7875, 31.9688, 53.7854

Background



This preview shows how black text looks on a background with the XYZ color 31.7875, 31.9688, 53.7854.



This preview shows how white text looks on a background with the XYZ color 31.7875, 31.9688,

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

31.7875, 31.9688, 53.7854

Protanopia

32.1338, 32.1474, 53.8016

Deuteranopia

32.5231, 31.8702, 53.7276



Tritanopia

29.2729, 31.9225, 41.6646

Trichromacy



Original Color

31.7875, 31.9688, 53.7854

Protanomaly

31.9599, 32.0577, 53.7935

Deuteranomaly

32.3246, 32.0058, 53.7643

Tritanomaly

30.2053, 32.0662, 45.6717

Monochromacy



Original Color

31.7875, 31.9688, 53.7854

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7607, 31.9620, 41.1072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7875, 31.9688, 53.7854 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(142, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 191)  
}
```

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(142, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.7875, 31.9688, 53.7854 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(142, 152, 191) }
```


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

```
.border{ border-color:rgb(142, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7875, 31.9688, 53.7854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 191) }
```

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

```
.background{ background-color: rgb(142,  
152, 191) }
```

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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