

Converting Colors

XYZ(31.1030, 31.2475, 55.9063)

Have a look what the booklet for
XYZ(31.1030, 31.2475, 55.9063)
contains.

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Color

**XYZ(31.2335, 31.3917,
56.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	8997C3
RGB	137, 151, 195
RGB Percent	54%, 59%, 76%
CMY	0.4627, 0.4078, 0.2353
CMYK	0.30, 0.23, 0.00, 0.24
HSL	226°, 33%, 65%
HSV	226°, 30%, 76%
XYZ	31.2335, 31.3917, 56.0428
YIQ	151.8300, -22.4680, 10.7160

Conversions

Conversions Part 2

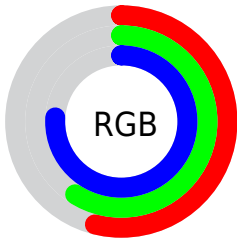
Format	Color
R_{YB}	137, 148, 195
Decimal	9017283
CIE _{Lab}	62.84, 5.22, -24.36
CIE _{LCh}	63, 24.909, 282.100
Yxy	31.3917, 0.2632, 0.2645
Android (android.graphics.Color)	4287207363 (0xFF8997C3)
YUV	151.8300, 21.2828, -13.0059
Hunter-Lab	56.0283, 1.4570, -20.0855

Details

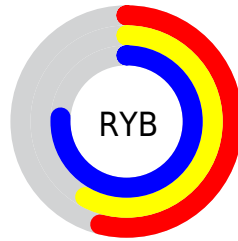
The XYZ color **31.2335, 31.3917, 56.0428** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.5456, 46.4566, 30.3400**, and the grayscale version is **29.6907, 31.2369, 34.0170**.

A 20% lighter version of the original color is **60.8879, 61.7673, 100.8086**, and **13.1112, 12.9687, 27.0115** is the 20% darker color. If you saturate the color by 10%, you get **26.0881, 25.4245, 55.1627**, and if you desaturate by 10%, it is **37.2574, 38.2567, 57.0509**.

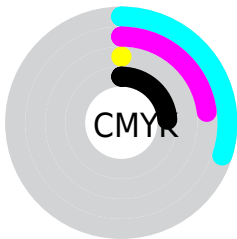
Distribution



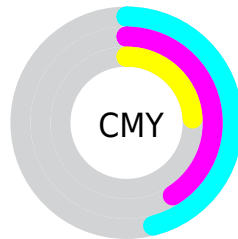
- Red (54%)
- Green (59%)
- Blue (76%)



- Red (54%)
- Yellow (58%)
- Blue (76%)



- Cyan (30%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2335, 31.3917, 56.0428 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 31.2335, 31.3917, 56.0428 by changing the saturation by 10% instead.

■ 31.2335, 31.3917,
56.0428

■ 31.2335, 31.3917,
56.0428

299.4203,
308.3388, 427.2456

■ 20.9294, 20.8973,
39.8330

■ 60.9809, 61.8562,
100.5536

■ 13.1846, 13.0490,
27.0956

■ 81.1548, 82.5952,
129.6916

■ 7.6336, 7.4623,
17.4119

■ 105.3495,
107.5177, 163.9762

■ 3.9113, 3.7528,
10.3636

133.9302,
137.0083, 203.8258

■ 1.6521, 1.5363,
5.5319

167.2622,
171.4513, 249.6590

■ 0.4260, 0.3141,
2.4985

205.7110,

■ 0.0000, 0.0000,

211.2312, 301.8944

0.8394

249.6420,
256.7322, 360.9504

■ 0.0000, 0.0000,
0.0000

■ 31.2335, 31.3917,
56.0428

■ 31.2335, 31.3917,
56.0428

■ 26.0881, 25.4245,
55.1627

■ 37.2574, 38.2567,
57.0509

■ 21.7759, 20.3133,
54.4035

■ 44.1961, 46.0515,
58.1898

■ 18.2522, 16.0183,
53.7602

■ 52.0872, 54.8111,
59.4646

■ 15.4667, 12.4951,
53.2269

■ 60.9656, 64.5674,
60.8799

■ 13.3628, 9.6944,
52.7972

■ 70.8643, 75.3511,
62.4396

■ 11.8749, 7.5608,
52.4638

■ 81.8146, 87.1913,
64.1478

■ 10.8914, 6.0127,
52.2169

■ 86.7084, 96.4361,
65.6743

■ 10.8698, 5.9788,
52.2115

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



27.8653, 31.3917, 55.3613



31.2335, 31.3917, 56.0428



34.4555, 31.3917, 50.1045

Triad

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



31.2335, 31.3917, 56.0428



34.9748, 31.3917, 23.0665



24.0185, 31.3917, 28.7239

Complementary

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



31.2335, 31.3917, 56.0428



43.5456, 46.4566, 30.3400

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.



25.6506, 31.3917, 22.0475



31.2335, 31.3917, 56.0428



31.8993, 31.3917, 19.2357

Square

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



31.2335, 31.3917, 56.0428



36.7232, 31.3917, 30.3906



28.4825, 31.3917, 18.9022



23.8702, 31.3917, 38.2725

Rectangle

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



31.2335, 31.3917, 56.0428



36.0193, 31.3917, 43.7487



28.4825, 31.3917, 18.9022



24.4057, 31.3917, 26.1198

Sweetspot

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



31.2345, 31.3929, 56.0435



79.9581, 83.3743, 104.3484



38.1217, 47.6650, 50.6394



17.0798, 17.7778, 22.7812



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.2345, 31.3929, 56.0435



49.4928, 48.7690, 99.2746



31.6525, 28.4598, 55.4554



9.7214, 10.1340, 12.7285



7.1205, 3.9974, 33.9529



0.3635, 0.2844, 1.4856

Inverse Universe

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



37.0382, 31.7289, 33.4515



61.7524, 49.9083, 51.4547



42.9702, 50.6005, 31.1701



10.1707, 10.1169, 10.9892



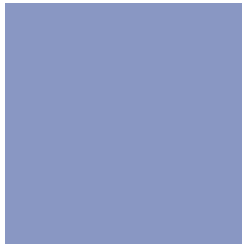
14.9901, 7.6858, 2.5937



0.6759, 0.3433, 0.2604

Previews

White Background



This preview shows how the XYZ color 31.2335, 31.3917, 56.0428 looks on a white background.

Color Contrast Check

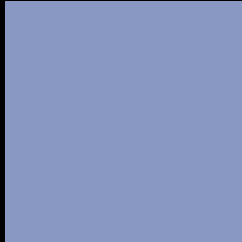
Large Text (above 18pt) WCAG AA × Fail

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 31.2335, 31.3917, 56.0428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

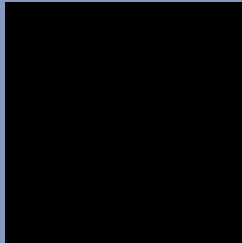
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2335, 31.3917, 56.0428

Background



This preview shows how black text looks on a background with the XYZ color 31.2335, 31.3917, 56.0428.



This preview shows how white text looks on a background with the XYZ color 31.2335, 31.3917,

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

31.2335, 31.3917, 56.0428

Protanopia

31.4592, 31.2832, 55.4191

Deuteranopia

31.9255, 31.2747, 55.9837



Tritanopia

28.3164, 31.4294, 41.6198

Trichromacy



Original Color

31.2335, 31.3917, 56.0428

Protanomaly

31.2914, 31.1967, 55.4113

Deuteranomaly

31.7412, 31.4155, 56.0206

Tritanomaly

29.2643, 31.3121, 46.6209

Monochromacy



Original Color

31.2335, 31.3917, 56.0428

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3287, 31.4867, 41.5248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2335, 31.3917, 56.0428 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, 151, 195)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 195)  
}
```

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, 151, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 195) }
```

Border

The CSS property to change the border of an element to XYZ 31.2335, 31.3917, 56.0428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

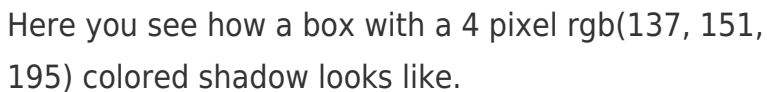
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 151, 195) }
```


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

```
.border{ border-color:rgb(137, 151, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 151, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 151, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 151, 195); box-shadow:4px 4px 4px 4px rgb(137, 151, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2335, 31.3917, 56.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 195) }
```

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

```
.background{ background-color: rgb(137,  
151, 195) }
```

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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