

Converting Colors

XYZ(27.4390, 31.9914, 43.7605)

Have a look what the booklet for
XYZ(27.4390, 31.9914, 43.7605)
contains.

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Color

**XYZ(27.3533, 31.9021,
43.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	75A0AC
RGB	117, 160, 172
RGB Percent	46%, 63%, 67%
CMY	0.5412, 0.3725, 0.3255
CMYK	0.32, 0.07, 0.00, 0.33
HSL	193°, 25%, 57%
HSV	193°, 32%, 67%
XYZ	27.3533, 31.9021, 43.7458
YIQ	148.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

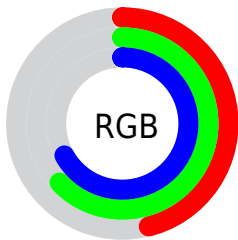
Format	Color
RYB	117, 141, 172
Decimal	7708844
CIELab	63.26, -11.53, -10.92
CIElCh	63, 15.884, 223.431
Yxy	31.9021, 0.2656, 0.3097
Android (android.graphics.Color)	4285898924 (0xFF75A0AC)
YUV	148.5110, 11.5801, -27.6351
Hunter-Lab	56.4819, -12.3987, -6.3833

Details

The XYZ color **27.3533, 31.9021, 43.7458** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.0748, 25.7557, 20.3219**, and the grayscale version is **28.3245, 29.7996, 32.4517**.

A 20% lighter version of the original color is **54.9602, 62.8049, 81.8989**, and **10.9995, 13.2394, 19.7450** is the 20% darker color. If you saturate the color by 10%, you get **24.6108, 29.5379, 43.4346**, and if you desaturate by 10%, it is **30.5420, 34.5270, 44.0849**.

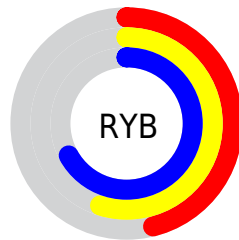
Distribution



Red (46%)

Green (63%)

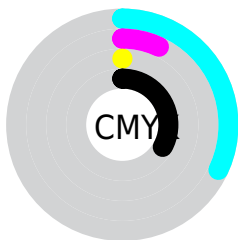
Blue (67%)



Red (46%)

Yellow (55%)

Blue (67%)

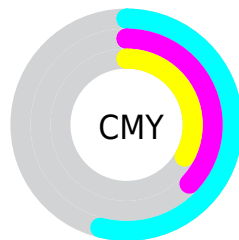


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3533, 31.9021, 43.7458 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 27.3533, 31.9021, 43.7458 by changing the saturation by 10% instead.

■ 27.3533, 31.9021,
43.7458

■ 27.3533, 31.9021,
43.7458

281.5001,
310.6730, 377.6809

■ 17.9767, 21.2867,
30.1350

■ 54.8662, 62.6576,
82.1335

■ 11.0328, 13.3338,
19.6882

■ 73.7332, 83.5665,
107.7475

■ 6.1564, 7.6588,
11.9867

■ 96.4943, 108.6754,
138.1995

■ 2.9820, 3.8774,
6.6122

123.5150,
138.3686, 173.9083

■ 1.1442, 1.6052,
3.1460

155.1606,
173.0306, 215.2923

■ 0.0616, 0.3611,
1.1697

191.7964,

■ 0.0000, 0.0000,

213.0457, 262.7700

0.0000

233.7878,
258.7984, 316.7600

■ 27.3533, 31.9021,
43.7458

■ 27.3533, 31.9021,
43.7458

■ 24.6108, 29.5379,
43.4346

■ 30.5420, 34.5270,
44.0849

■ 22.2881, 27.4183,
43.1478

■ 34.1957, 37.4202,
44.4508

■ 20.3606, 25.5310,
42.8851

■ 38.3355, 40.5938,
44.8452

■ 18.7995, 23.8610,
42.6451

■ 42.9806, 44.0576,
45.2689

■ 17.5723, 22.3912,
42.4261

■ 48.1487, 47.8212,
45.7230

■ 16.6400, 21.1014,
42.2262

■ 53.8570, 51.8937,
46.2082

■ 16.0380, 20.1616,
42.0766

■ 60.1218, 56.2836,
46.7254

■ 66.9585, 60.9992,
47.2752

■ 67.9278, 62.7211,
47.5565

Harmonies

Analogous

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



26.3917, 31.9021, 37.6259



27.3533, 31.9021, 43.7458



29.1319, 31.9021, 47.6863

Triad

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



27.3533, 31.9021, 43.7458



34.5588, 31.9021, 38.3056



29.3502, 31.9021, 24.2369

Complementary

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



27.3533, 31.9021, 43.7458



28.0748, 25.7557, 20.3219

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.



31.5441, 31.9021, 24.3722



27.3533, 31.9021, 43.7458



34.6243, 31.9021, 31.9979

Square

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



27.3533, 31.9021, 43.7458



33.3234, 31.9021, 44.2950



33.4981, 31.9021, 27.0568



27.5065, 31.9021, 26.6618

Rectangle

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



27.3533, 31.9021, 43.7458



30.5758, 31.9021, 48.2832



33.4981, 31.9021, 27.0568



30.0696, 31.9021, 23.9942

Sweetspot

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



27.3543, 31.9034, 43.7465



63.3186, 68.8813, 80.7639



26.0462, 34.8703, 26.0984



13.5493, 14.8056, 17.5313



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.3543, 31.9034, 43.7465



46.2004, 54.9490, 78.9770



23.1138, 23.4224, 42.3330



8.0859, 8.7711, 10.2195



11.9762, 15.0863, 31.3252



0.3695, 0.4924, 0.8836

Inverse Universe

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



29.7205, 24.0320, 36.3314



51.2318, 38.8600, 63.0645



32.1833, 33.9727, 21.6914



8.2611, 8.1177, 9.6860



15.9087, 7.8260, 17.6964



0.4609, 0.2251, 0.5890

Previews

White Background



This preview shows how the XYZ color 27.3533, 31.9021, 43.7458 looks on a white background.

Color Contrast Check

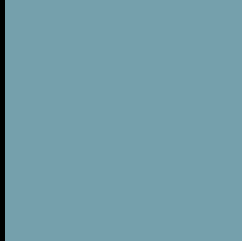
Large Text (above 18pt) WCAG AA × Fail

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 27.3533, 31.9021, 43.7458 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 27.3533, 31.9021, 43.7458

Background



This preview shows how black text looks on a background with the XYZ color 27.3533, 31.9021, 43.7458.



This preview shows how white text looks on a background with the XYZ color 27.3533, 31.9021,

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

27.3533, 31.9021, 43.7458

Protanopia

30.9658, 31.8258, 41.0701

Deuteranopia

32.2921, 31.7190, 44.4648



Tritanopia

27.4497, 31.9406, 44.2536

Trichromacy



Original Color

27.3533, 31.9021, 43.7458

Protanomaly

29.5302, 31.7962, 42.1170

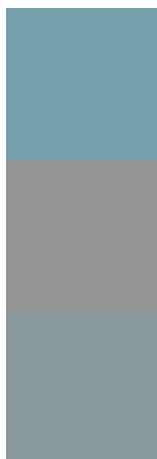
Deuteranomaly

30.0894, 31.5504, 44.0391

Tritanomaly

27.4497, 31.9406, 44.2536

Monochromacy



Original Color

27.3533, 31.9021, 43.7458

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7936, 30.5352, 36.3273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3533, 31.9021, 43.7458 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(117, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(117, 160, 172)  
}
```

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(117, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 160, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.3533, 31.9021, 43.7458 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(117, 160, 172) }
```


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

```
.border{ border-color:rgb(117, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(117, 160,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3533, 31.9021, 43.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 160, 172) }
```

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

```
.background{ background-color: rgb(117,  
160, 172) }
```

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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