

Converting Colors

XYZ(27.7749, 31.8741, 43.2165)

Have a look what the booklet for
XYZ(27.7749, 31.8741, 43.2165)
contains.

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Color

**XYZ(27.7749, 31.8741,
43.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9FAB
RGB	122, 159, 171
RGB Percent	48%, 62%, 67%
CMY	0.5216, 0.3765, 0.3294
CMYK	0.29, 0.07, 0.00, 0.33
HSL	195°, 23%, 57%
HSV	195°, 29%, 67%
XYZ	27.7749, 31.8741, 43.2165
YIQ	149.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

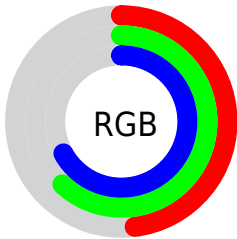
Format	Color
R_{YB}	122, 143, 171
Decimal	8036267
CIE _{Lab}	63.24, -9.75, -10.36
CIE _{LCh}	63, 14.226, 226.751
Yxy	31.8741, 0.2700, 0.3099
Android (android.graphics.Color)	4286226347 (0xFF7A9FAB)
YUV	149.3050, 10.6956, -23.9465
Hunter-Lab	56.4572, -10.9844, -5.8650

Details

The XYZ color **27.7749, 31.8741, 43.2165** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.8331, 27.1137, 22.1270**, and the grayscale version is **28.6604, 30.1530, 32.8366**.

A 20% lighter version of the original color is **55.6785, 62.8142, 81.1413**, and **11.2909, 13.3966, 19.4435** is the 20% darker color. If you saturate the color by 10%, you get **24.8557, 29.3191, 42.8777**, and if you desaturate by 10%, it is **31.1464, 34.7001, 43.5848**.

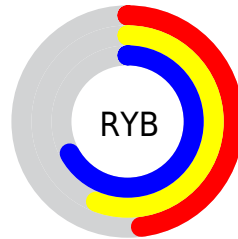
Distribution



Red (48%)

Green (62%)

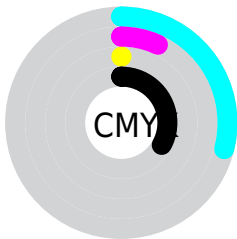
Blue (67%)



Red (48%)

Yellow (56%)

Blue (67%)

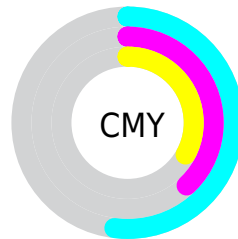


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7749, 31.8741, 43.2165 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 27.7749, 31.8741, 43.2165 by changing the saturation by 10% instead.

■ 27.7749, 31.8741,
43.2165

■ 27.7749, 31.8741,
43.2165

283.4894,
310.5453, 375.4487

■ 18.2956, 21.2654,
29.7224

■ 55.5360, 62.6137,
81.3273

■ 11.2634, 13.3181,
19.3777

■ 74.5486, 83.5133,
106.7811

■ 6.3129, 7.6480,
11.7639

■ 97.4696, 108.6120,
137.0585

■ 3.0787, 3.8705,
6.4626

124.6645,
138.2941, 172.5780

■ 1.1955, 1.6014,
3.0550

156.4985,
172.9441, 213.7583

■ 0.1028, 0.3585,
1.1228

193.3371,

■ 0.0000, 0.0000,

212.9464, 261.0178

0.0000

235.5456,
258.6854, 314.7751

■ 27.7749, 31.8741,
43.2165

■ 27.7749, 31.8741,
43.2165

■ 24.8557, 29.3191,
42.8777

■ 31.1464, 34.7001,
43.5848

■ 22.3635, 27.0192,
42.5652

■ 34.9884, 37.8045,
43.9815

■ 20.2746, 24.9627,
42.2783

■ 39.3213, 41.1988,
44.4083

■ 18.5617, 23.1353,
42.0159

■ 44.1636, 44.8930,
44.8661

■ 17.1940, 21.5206,
41.7763

■ 49.5328, 48.8963,
45.3559

■ 16.1357, 20.0997,
41.5578

■ 55.4454, 53.2178,
45.8784

■ 15.3213, 18.8386,
41.3573

■ 61.9174, 57.8658,
46.4344

■ 15.2180, 18.6747,
41.3311

■ 67.5506, 62.1200,
46.9587

■ 68.4864, 63.9914,
47.2706

Harmonies

Analogous

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



26.8131, 31.8741, 37.9249



27.7749, 31.8741, 43.2165



29.4360, 31.8741, 46.3644

Triad

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



27.7749, 31.8741, 43.2165



34.1316, 31.8741, 37.2500



29.2174, 31.8741, 25.3246

Complementary

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



27.7749, 31.8741, 43.2165



28.8331, 27.1137, 22.1270

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.



31.1713, 31.8741, 25.1858



27.7749, 31.8741, 43.2165



34.0669, 31.8741, 31.6736

Square

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



27.7749, 31.8741, 43.2165



33.1373, 31.8741, 42.6765



32.9639, 31.8741, 27.3924



27.6208, 31.8741, 27.7944

Rectangle

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



27.7749, 31.8741, 43.2165



30.7426, 31.8741, 46.6238



32.9639, 31.8741, 27.3924



29.8525, 31.8741, 25.0139

Sweetspot

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



27.7759, 31.8754, 43.2172



62.2931, 67.4117, 78.7304



26.8534, 34.9695, 27.6829



13.6632, 14.8508, 17.5340



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.



27.7759, 31.8754, 43.2172



46.5395, 54.3070, 77.0313



24.0508, 24.4253, 41.9755



8.0677, 8.7348, 10.2135



11.5147, 14.1633, 31.1714



0.3598, 0.4729, 0.8803

Inverse Universe

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



30.0130, 25.0811, 36.0615



51.2470, 40.5237, 61.8584



32.5236, 34.4948, 23.3572



8.2520, 8.1140, 9.6377



15.6757, 7.7328, 16.4697



0.4560, 0.2231, 0.5630

Previews

White Background



This preview shows how the XYZ color 27.7749, 31.8741, 43.2165 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 27.7749, 31.8741, 43.2165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

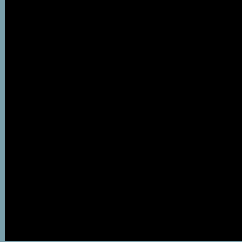
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.7749, 31.8741, 43.2165

Background



This preview shows how black text looks on a background with the XYZ color 27.7749, 31.8741, 43.2165.



This preview shows how white text looks on a background with the XYZ color 27.7749, 31.8741,

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

27.7749, 31.8741, 43.2165

Protanopia

30.8737, 31.7890, 40.5851

Deuteranopia

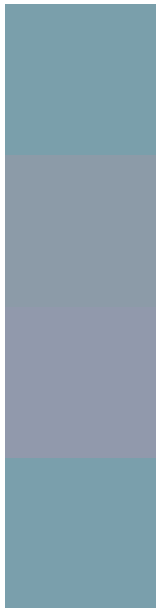
32.3908, 31.7811, 43.9624



Tritanopia

27.8706, 31.9124, 43.7205

Trichromacy



Original Color

27.7749, 31.8741, 43.2165

Protanomaly

29.6044, 31.8453, 41.6322

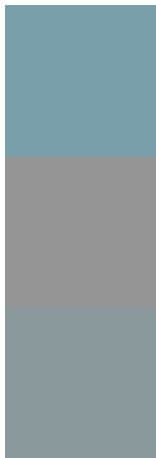
Deuteranomaly

30.5147, 31.7808, 43.5557

Tritanomaly

27.8706, 31.9124, 43.7205

Monochromacy



Original Color

27.7749, 31.8741, 43.2165

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1245, 30.7058, 36.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7749, 31.8741, 43.2165 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(122, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(122, 159, 171)  
}
```

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(122, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.7749, 31.8741, 43.2165 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(122, 159, 171) }
```


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

```
.border{ border-color:rgb(122, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7749, 31.8741, 43.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 159, 171) }
```

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

```
.background{ background-color: rgb(122,  
159, 171) }
```

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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