

Converting Colors

XYZ(27.0993, 30.7745, 41.7490)

Have a look what the booklet for
XYZ(27.0993, 30.7745, 41.7490)
contains.

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Color

**XYZ(27.1247, 30.8150,
41.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9CA8
RGB	123, 156, 168
RGB Percent	48%, 61%, 66%
CMY	0.5176, 0.3882, 0.3412
CMYK	0.27, 0.07, 0.00, 0.34
HSL	196°, 21%, 57%
HSV	196°, 27%, 66%
XYZ	27.1247, 30.8150, 41.5641
YIQ	147.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

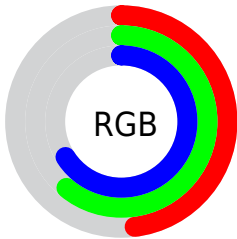
Format	Color
R _Y B	123, 142, 168
Decimal	8101032
CIE Lab	62.35, -8.53, -9.99
CIE LCh	62, 13.141, 229.516
Yxy	30.8150, 0.2726, 0.3097
Android (android.graphics.Color)	4286291112 (0xFF7B9CA8)
YUV	147.5010, 10.1060, -21.4874
Hunter-Lab	55.5113, -9.9235, -5.5356

Details

The XYZ color **27.1247, 30.8150, 41.5641** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.3880, 27.0831, 22.4709**, and the grayscale version is **27.9078, 29.3611, 31.9743**.

A 20% lighter version of the original color is **54.2704, 60.6510, 78.6585**, and **10.9516, 12.7806, 18.4127** is the 20% darker color. If you saturate the color by 10%, you get **24.1869, 28.2059, 41.2158**, and if you desaturate by 10%, it is **30.5045, 33.6947, 41.9423**.

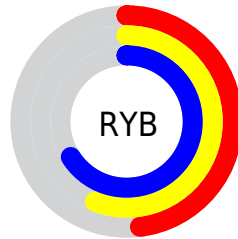
Distribution



Red (48%)

Green (61%)

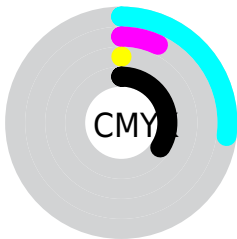
Blue (66%)



Red (48%)

Yellow (56%)

Blue (66%)

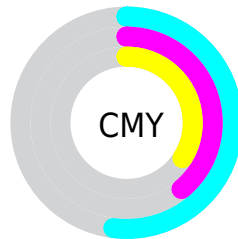


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1247, 30.8150, 41.5641 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 27.1247, 30.8150, 41.5641 by changing the saturation by 10% instead.

■ 27.1247, 30.8150,
41.5641

■ 27.1247, 30.8150,
41.5641

280.4169,
305.6851, 368.4190

■ 17.8040, 20.4580,
28.4371

■ 54.5024, 60.9487,
78.8024

■ 10.9082, 12.7284,
18.4135

■ 73.2900, 81.4942,
103.7509

■ 6.0720, 7.2418,
11.0748

■ 95.9641, 106.2046,
133.4768

■ 2.9300, 3.6138,
6.0023

122.8898,
135.4644, 168.3989

■ 1.1168, 1.4600,
2.7777

154.4326,
169.6580, 208.9356

■ 0.0391, 0.2603,
0.9823

190.9578,

■ 0.0000, 0.0000,

209.1697, 255.5055

0.0000

232.8308,
254.3839, 308.5271

■ 27.1247, 30.8150,
41.5641

■ 27.1247, 30.8150,
41.5641

■ 24.1869, 28.2059,
41.2158

■ 30.5045, 33.6947,
41.9423

■ 21.6671, 25.8522,
40.8943

■ 34.3434, 36.8519,
42.3494

■ 19.5428, 23.7426,
40.5991

■ 38.6609, 40.2978,
42.7869

■ 17.7885, 21.8637,
40.3289

■ 43.4745, 44.0419,
43.2559

■ 16.3755, 20.2000,
40.0823

■ 48.8010, 48.0932,
43.7572

■ 15.2703, 18.7339,
39.8575

■ 54.6560, 52.4603,
44.2915

■ 14.4246, 17.4401,
39.6524

■ 61.0547, 57.1513,
44.8597

■ 14.1766, 17.0445,
39.5891

■ 67.1222, 61.7155,
45.4209

■ 68.1197, 63.7106,
45.7534

Harmonies

Analogous

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



26.1830, 30.8150, 36.9308



27.1247, 30.8150, 41.5641



28.6710, 30.8150, 44.1305

Triad

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



27.1247, 30.8150, 41.5641



32.7808, 30.8150, 35.3656



28.1614, 30.8150, 25.1438

Complementary

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



27.1247, 30.8150, 41.5641



28.3880, 27.0831, 22.4709

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.



29.9152, 30.8150, 24.8159



27.1247, 30.8150, 41.5641



32.6308, 30.8150, 30.3864

Square

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



27.1247, 30.8150, 41.5641



31.9668, 30.8150, 40.3191



31.5649, 30.8150, 26.6425



26.7646, 30.8150, 27.5884

Rectangle

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



27.1247, 30.8150, 41.5641



29.8576, 30.8150, 44.1650



31.5649, 30.8150, 26.6425



28.7271, 30.8150, 24.7925

Sweetspot

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



27.1256, 30.8162, 41.5648



61.3212, 66.0615, 76.7443



26.4922, 33.9451, 27.8022



13.1359, 14.2115, 16.7029



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1256, 30.8162, 41.5648



46.0337, 53.1134, 75.0508



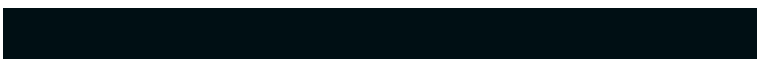
23.7966, 24.1582, 40.4551



7.5758, 8.1886, 9.5996



10.7492, 12.9585, 29.9102



0.3001, 0.3925, 0.7406

Inverse Universe

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



29.2329, 24.8918, 34.7177



50.5651, 40.8385, 60.2227



31.7389, 33.7850, 23.5879



7.7552, 7.6320, 9.0283



14.9263, 7.3792, 14.9552



0.3826, 0.1873, 0.4665

Previews

White Background



This preview shows how the XYZ color 27.1247, 30.8150, 41.5641 looks on a white background.

Color Contrast Check

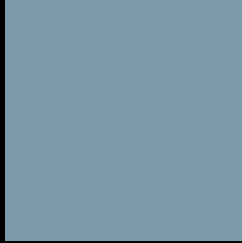
Large Text (above 18pt) WCAG AA × Fail

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 27.1247, 30.8150, 41.5641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

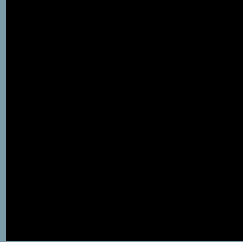
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1247, 30.8150, 41.5641

Background



This preview shows how black text looks on a background with the XYZ color 27.1247, 30.8150, 41.5641.

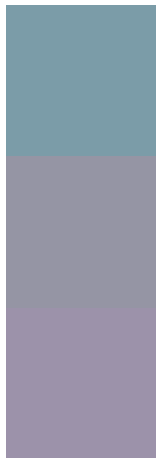


This preview shows how white text looks on a background with the XYZ color 27.1247, 30.8150,

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

27.1247, 30.8150, 41.5641

Protanopia

29.8427, 30.5648, 39.4487

Deuteranopia

31.2449, 30.5280, 42.2759



Tritanopia

27.1247, 30.8150, 41.5641

Trichromacy



Original Color

27.1247, 30.8150, 41.5641

Protanomaly

28.8350, 30.7485, 40.0126

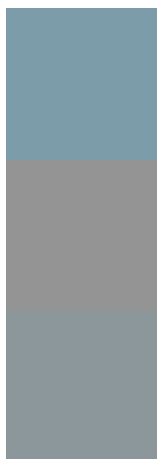
Deuteranomaly

29.5694, 30.6066, 41.8853

Tritanomaly

27.1247, 30.8150, 41.5641

Monochromacy



Original Color

27.1247, 30.8150, 41.5641

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6305, 29.9887, 35.3425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1247, 30.8150, 41.5641 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(123, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 168)  
}
```

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(123, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.1247, 30.8150, 41.5641 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(123, 156, 168) }
```


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

```
.border{ border-color:rgb(123, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1247, 30.8150, 41.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 168) }
```

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

```
.background{ background-color: rgb(123,  
156, 168) }
```

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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