

Converting Colors

XYZ(27.1648, 27.7361, 42.4499)

Have a look what the booklet for
XYZ(27.1648, 27.7361, 42.4499)
contains.

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Color

**XYZ(27.1648, 27.7361,
42.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	878FAB
RGB	135, 143, 171
RGB Percent	53%, 56%, 67%
CMY	0.4706, 0.4392, 0.3294
CMYK	0.21, 0.16, 0.00, 0.33
HSL	227°, 18%, 60%
HSV	227°, 21%, 67%
XYZ	27.1648, 27.7361, 42.4499
YIQ	143.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

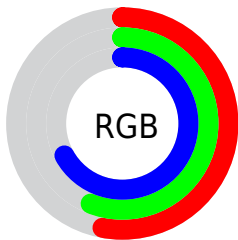
Format	Color
R_{YB}	135, 142, 171
Decimal	8884139
CIE _{Lab}	59.65, 3.28, -15.68
CIE _{LCh}	60, 16.015, 281.802
Yxy	27.7361, 0.2790, 0.2849
Android (android.graphics.Color)	4287074219 (0xFF878FAB)
YUV	143.8000, 13.4096, -7.7176
Hunter-Lab	52.6651, -0.0931, -10.9243

Details

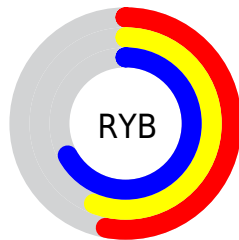
The XYZ color **27.1648, 27.7361, 42.4499** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.2651, 36.6015, 28.1811**, and the grayscale version is **26.3813, 27.7551, 30.2253**.

A 20% lighter version of the original color is **54.6800, 56.2423, 79.9254**, and **10.9904, 11.0919, 19.0145** is the 20% darker color. If you saturate the color by 10%, you get **22.7519, 22.6716, 41.7054**, and if you desaturate by 10%, it is **32.2580, 33.5041, 43.2953**.

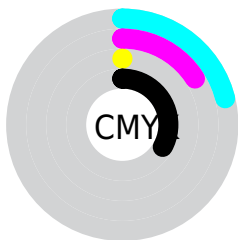
Distribution



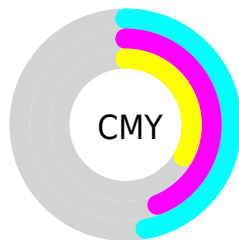
- Red (53%)
- Green (56%)
- Blue (67%)



- Red (53%)
- Yellow (56%)
- Blue (67%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1648, 27.7361, 42.4499 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 27.1648, 27.7361, 42.4499 by changing the saturation by 10% instead.

■ 27.1648, 27.7361,
42.4499

■ 27.1648, 27.7361,
42.4499

280.6072,
291.2037, 372.1991

■ 17.8343, 18.1268,
29.1255

■ 54.5662, 56.0628,
80.1575

■ 10.9300, 11.0411,
18.9294

■ 73.3678, 75.5491,
105.3778

■ 6.0867, 6.0945,
11.4430

■ 96.0572, 99.0964,
135.4006

■ 2.9391, 2.9026,
6.2477

122.9996,
127.0893, 170.6442

■ 1.1216, 1.0811,
2.9251

154.5604,
159.9121, 211.5274

■ 0.0431, 0.0000,
1.0565

191.1051,

■ 0.0000, 0.0000,

197.9491, 258.4685

0.0000

232.9989,
241.5849, 311.8863

■ 27.1648, 27.7361,
42.4499

■ 27.1648, 27.7361,
42.4499

■ 22.7519, 22.6716,
41.7054

■ 32.2580, 33.5041,
43.2953

■ 18.9875, 18.2798,
41.0561

■ 38.0565, 39.9980,
44.2431

■ 15.8410, 14.5328,
40.4987

■ 44.5870, 47.2434,
45.2974

■ 13.2781, 11.3992,
40.0289

■ 51.8742, 55.2636,
46.4614

■ 11.2612, 8.8448,
39.6422

■ 59.9414, 64.0809,
47.7381

■ 9.7480, 6.8319,
39.3334

■ 68.8112, 73.7166,
49.1305

■ 8.6894, 5.3178,
39.0969

■ 78.5051, 84.1914,
50.6414

■ 8.0441, 4.3270,
38.9397

■ 82.5894, 92.1976,
51.9715

■ 84.3508, 95.7203,
52.5586

Harmonies

Analogous

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



25.1678, 27.7361, 42.0481



27.1648, 27.7361, 42.4499



29.0371, 27.7361, 39.2744

Triad

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



27.1648, 27.7361, 42.4499



29.3651, 27.7361, 23.3753



22.8419, 27.7361, 26.8574

Complementary

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



27.1648, 27.7361, 42.4499



34.2651, 36.6015, 28.1811

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.



23.8571, 27.7361, 22.6433



27.1648, 27.7361, 42.4499



27.5940, 27.7361, 20.8169

Square

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



27.1648, 27.7361, 42.4499



30.3501, 27.7361, 27.9813



25.5758, 27.7361, 20.5673



22.7401, 27.7361, 32.5328

Rectangle

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



27.1648, 27.7361, 42.4499



29.9359, 27.7361, 35.7670



25.5758, 27.7361, 20.5673



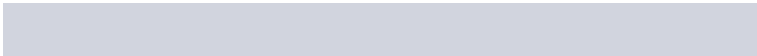
23.0851, 27.7361, 25.2427

Sweetspot

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



27.1657, 27.7372, 42.4505



62.7470, 65.5902, 78.3549



31.1302, 36.9072, 39.9463



13.8484, 14.4651, 17.4498



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.



27.1657, 27.7372, 42.4505



45.0350, 45.5409, 75.4186



27.6219, 26.2523, 42.1399



7.7179, 8.0352, 10.0969



6.0975, 3.3288, 29.3657



0.2095, 0.1724, 0.8302

Inverse Universe

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



30.4172, 27.9697, 29.7834



51.8929, 46.1626, 48.6721



33.7153, 38.4943, 28.5755



8.0754, 8.0434, 8.7080



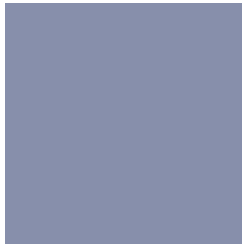
12.9414, 6.6391, 2.0708



0.3802, 0.1927, 0.1636

Previews

White Background



This preview shows how the XYZ color 27.1648, 27.7361, 42.4499 looks on a white background.

Color Contrast Check

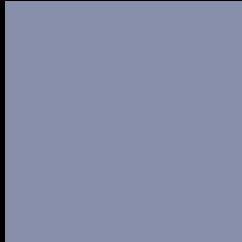
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1648, 27.7361, 42.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

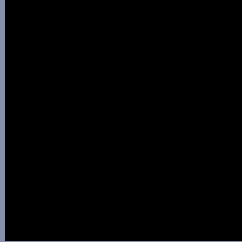
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1648, 27.7361, 42.4499

Background



This preview shows how black text looks on a background with the XYZ color 27.1648, 27.7361, 42.4499.



This preview shows how white text looks on a background with the XYZ color 27.1648, 27.7361,

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

27.1648, 27.7361, 42.4499

Protanopia

27.4099, 27.6516, 41.9228

Deuteranopia

28.3261, 27.6640, 42.8765



Tritanopia

25.7269, 27.5907, 35.8679

Trichromacy



Original Color

27.1648, 27.7361, 42.4499

Protanomaly

27.2452, 27.5666, 41.9151

Deuteranomaly

27.9558, 27.6910, 42.9012

Tritanomaly

26.1677, 27.5417, 38.1193

Monochromacy



Original Color

27.1648, 27.7361, 42.4499

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7905, 27.9423, 34.5532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1648, 27.7361, 42.4499 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(135, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 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(135, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.1648, 27.7361, 42.4499 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(135, 143, 171) }
```


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

```
.border{ border-color:rgb(135, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1648, 27.7361, 42.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 171) }
```

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

```
.background{ background-color: rgb(135,  
143, 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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