

Converting Colors

XYZ(24.1936, 27.9344, 40.5315)

Have a look what the booklet for
XYZ(24.1936, 27.9344, 40.5315)
contains.

XYZ(24.1881, 27.8539, 40.6607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1881, 27.8539,
40.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	6D96A7
RGB	109, 150, 167
RGB Percent	43%, 59%, 65%
CMY	0.5725, 0.4118, 0.3451
CMYK	0.35, 0.10, 0.00, 0.35
HSL	198°, 25%, 54%
HSV	198°, 35%, 65%
XYZ	24.1881, 27.8539, 40.6607
YIQ	139.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

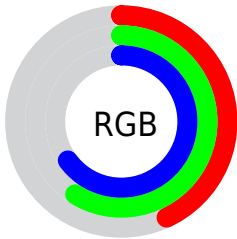
Format	Color
RYB	109, 133, 167
Decimal	7181991
CIELab	59.76, -9.68, -13.41
CIELCh	60, 16.540, 234.165
Yxy	27.8539, 0.2609, 0.3005
Android (android.graphics.Color)	4285372071 (0xFF6D96A7)
YUV	139.6790, 13.4693, -26.9055
Hunter-Lab	52.7768, -10.5512, -8.7349

Details

The XYZ color **24.1881, 27.8539, 40.6607** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1581, 24.2418, 17.7693**, and the grayscale version is **24.7612, 26.0507, 28.3693**.

A 20% lighter version of the original color is **49.6780, 56.1410, 77.3252**, and **9.3013, 11.0610, 17.8644** is the 20% darker color. If you saturate the color by 10%, you get **21.5610, 25.3649, 40.3192**, and if you desaturate by 10%, it is **27.2399, 30.6116, 41.0326**.

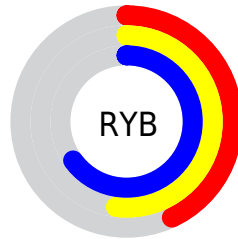
Distribution



Red (43%)

Green (59%)

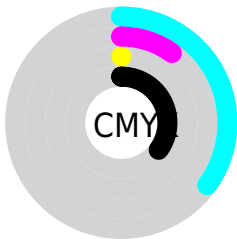
Blue (65%)



Red (43%)

Yellow (52%)

Blue (65%)

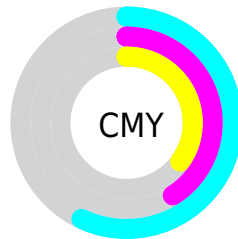


Cyan (35%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (41%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1881, 27.8539, 40.6607 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 24.1881, 27.8539, 40.6607 by changing the saturation by 10% instead.

■ 24.1881, 27.8539,
40.6607

■ 24.1881, 27.8539,
40.6607

266.1929,
291.7681, 364.5351

■ 15.5987, 18.2156,
27.7364

■ 49.7894, 56.2511,
77.4166

■ 9.3297, 11.1049,
17.8897

■ 67.5321, 75.7788,
102.0853

■ 5.0157, 6.1374,
10.7022

■ 89.0565, 99.3716,
131.5058

■ 2.2913, 2.9288,
5.7553

■ 114.7281,
127.4141, 166.0967

■ 0.7902, 1.0947,
2.6305

144.9121,
160.2906, 206.2765

■ 0.0000, 0.0000,
0.9081

179.9741,

■ 0.0000, 0.0000,

198.3855, 252.4639

0.0000

220.2792,
242.0832, 305.0772

■ 24.1881, 27.8539,
40.6607

■ 24.1881, 27.8539,
40.6607

■ 21.5610, 25.3649,
40.3192

■ 27.2399, 30.6116,
41.0326

■ 19.3335, 23.1290,
40.0050

■ 30.7345, 33.6460,
41.4341

■ 17.4816, 21.1340,
39.7176

■ 34.6923, 36.9688,
41.8669

■ 15.9775, 19.3650,
39.4554

■ 39.1315, 40.5898,
42.3319

■ 14.7894, 17.8049,
39.2169

■ 44.0691, 44.5185,
42.8299

■ 13.8785, 16.4331,
39.0001

■ 49.5216, 48.7638,
43.3620

■ 13.4601, 15.7600,
38.8922

■ 55.5045, 53.3342,
43.9288

■ 62.0325, 58.2380,
44.5313

■ 67.5189, 62.6575,
45.0952

Harmonies

Analogous

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



22.9708, 27.8539, 35.2934



24.1881, 27.8539, 40.6607



26.0674, 27.8539, 43.2949

Triad

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



24.1881, 27.8539, 40.6607



30.6816, 27.8539, 31.5148



24.8613, 27.8539, 20.9837

Complementary

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



24.1881, 27.8539, 40.6607



26.1581, 24.2418, 17.7693

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.



26.8854, 27.8539, 20.2494



24.1881, 27.8539, 40.6607



30.3171, 27.8539, 25.8519

Square

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



24.1881, 27.8539, 40.6607



29.8716, 27.8539, 37.5862



28.9002, 27.8539, 21.9135



23.3449, 27.8539, 24.0704

Rectangle

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



24.1881, 27.8539, 40.6607



27.4710, 27.8539, 42.9275



28.9002, 27.8539, 21.9135



25.5020, 27.8539, 20.4722

Sweetspot

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



24.1890, 27.8550, 40.6613



58.1618, 62.8985, 74.5505



23.8555, 32.3810, 24.5412



12.8040, 13.8973, 16.6597



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.



24.1890, 27.8550, 40.6613



39.4825, 46.2676, 72.3249



20.1889, 19.8550, 39.3280



7.5591, 8.1551, 9.5940



10.3435, 12.1472, 29.7750



0.2926, 0.3775, 0.7381

Inverse Universe

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



26.9108, 21.3556, 31.5590



45.2673, 33.2831, 52.7932



30.3245, 32.5748, 19.1581



7.7468, 7.6286, 8.9838



14.7215, 7.2973, 13.8770



0.3789, 0.1858, 0.4465

Previews

White Background



This preview shows how the XYZ color 24.1881, 27.8539, 40.6607 looks on a white background.

Color Contrast Check

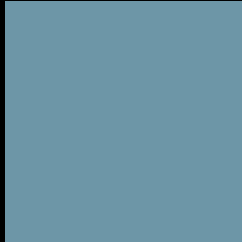
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1881, 27.8539, 40.6607 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

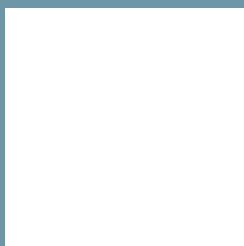
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1881, 27.8539, 40.6607

Background



This preview shows how black text looks on a background with the XYZ color 24.1881, 27.8539, 40.6607.



This preview shows how white text looks on a background with the XYZ color 24.1881, 27.8539,

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

24.1881, 27.8539, 40.6607

Protanopia

27.0098, 27.5301, 38.0727

Deuteranopia

28.2166, 27.6405, 41.3841



Tritanopia

23.8618, 27.9657, 38.7906

Trichromacy



Original Color

24.1881, 27.8539, 40.6607

Protanomaly

25.8795, 27.5983, 39.0850

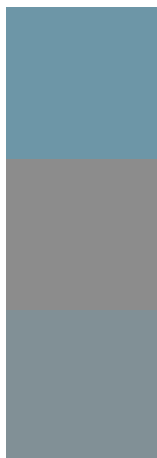
Deuteranomaly

26.5569, 27.6792, 40.9887

Tritanomaly

23.9518, 28.0017, 39.2644

Monochromacy



Original Color

24.1881, 27.8539, 40.6607

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5315, 26.8157, 32.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1881, 27.8539, 40.6607 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(109, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 167)  
}
```

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(109, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 167) }
```

Border

The CSS property to change the border of an element to XYZ 24.1881, 27.8539, 40.6607 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(109, 150, 167) }
```


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

```
.border{ border-color:rgb(109, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1881, 27.8539, 40.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 167) }
```

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

```
.background{ background-color: rgb(109,  
150, 167) }
```

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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