

Converting Colors

XYZ(27.6741, 27.7137, 53.3253)

Have a look what the booklet for
XYZ(27.6741, 27.7137, 53.3253)
contains.

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Color

**XYZ(27.6839, 27.7665,
53.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8FBF
RGB	125, 143, 191
RGB Percent	49%, 56%, 75%
CMY	0.5098, 0.4392, 0.2510
CMYK	0.35, 0.25, 0.00, 0.25
HSL	224°, 34%, 62%
HSV	224°, 35%, 75%
XYZ	27.6839, 27.7665, 53.1906
YIQ	143.0900, -26.1360, 11.1120

Conversions

Conversions Part 2

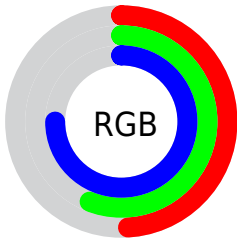
Format	Color
R_{YB}	125, 139, 191
Decimal	8228799
CIE _{Lab}	59.68, 5.24, -27.04
CIE _{LCh}	60, 27.540, 280.971
Yxy	27.7665, 0.2548, 0.2556
Android (android.graphics.Color)	4286418879 (0xFF7D8FBF)
YUV	143.0900, 23.6196, -15.8649
Hunter-Lab	52.6939, 1.5645, -22.9631

Details

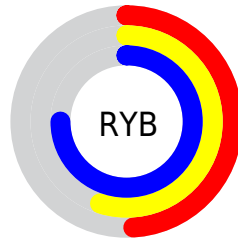
The XYZ color **27.6839, 27.7665, 53.1906** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.1317, 42.4448, 25.4806**, and the grayscale version is **26.0613, 27.4185, 29.8587**.

A 20% lighter version of the original color is **55.4999, 56.2935, 96.7475**, and **11.1774, 11.0513, 25.2109** is the 20% darker color. If you saturate the color by 10%, you get **23.2014, 22.5499, 52.4204**, and if you desaturate by 10%, it is **32.9627, 33.7782, 54.0732**.

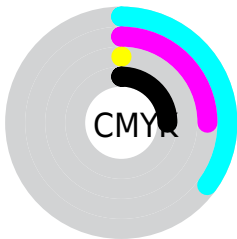
Distribution



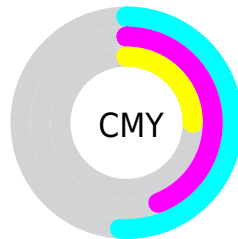
- Red (49%)
- Green (56%)
- Blue (75%)



- Red (49%)
- Yellow (55%)
- Blue (75%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6839, 27.7665, 53.1906 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 27.6839, 27.7665, 53.1906 by changing the saturation by 10% instead.

■ 27.6839, 27.7665,
53.1906

■ 27.6839, 27.7665,
53.1906

283.0609,
291.3495, 416.1030

■ 18.2267, 18.1497,
37.5662

■ 55.3916, 56.1114,
96.3292

■ 11.2136, 11.0575,
25.3469

■ 74.3728, 75.6084,
124.6804

■ 6.2790, 6.1055,
16.1144

■ 97.2594, 99.1675,
158.1110

■ 3.0577, 2.9094,
9.4499

124.4168,
127.1732, 197.0394

■ 1.1844, 1.0846,
4.9350

156.2102,
160.0098, 241.8843

■ 0.0940, 0.0000,
2.1511

193.0052,

■ 0.0000, 0.0000,

198.0618, 293.0642

0.6459

235.1670,
241.7136, 350.9975

■ 0.0000, 0.0000,
0.0000

■ 27.6839, 27.7665,
53.1906

■ 27.6839, 27.7665,
53.1906

■ 23.2014, 22.5499,
52.4204

■ 32.9627, 33.7782,
54.0732

■ 19.4721, 18.0903,
51.7562

■ 39.0722, 40.6141,
55.0707

■ 16.4531, 14.3515,
51.1937

■ 46.0483, 48.3059,
56.1877

■ 14.0955, 11.2925,
50.7275

■ 53.9238, 56.8827,
57.4281

■ 12.3438, 8.8677,
50.3518

■ 62.7298, 66.3718,
58.7955

■ 11.1323, 7.0247,
50.0599

■ 72.4959, 76.7998,
60.2936

■ 10.6362, 6.2258,
49.9318

■ 81.8746, 87.4826,
61.8613

■ 86.1271, 95.9877,
63.2788

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



24.2712, 27.7665, 52.1823



27.6839, 27.7665, 53.1906



31.0212, 27.7665, 47.1136

Triad

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



27.6839, 27.7665, 53.1906



31.7669, 27.7665, 19.3378



20.5629, 27.7665, 24.4108

Complementary

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



27.6839, 27.7665, 53.1906



40.1317, 42.4448, 25.4806

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.



22.2465, 27.7665, 17.9596



27.6839, 27.7665, 53.1906



28.6313, 27.7665, 15.5061

Square

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



27.6839, 27.7665, 53.1906



33.5126, 27.7665, 26.7341



25.1394, 27.7665, 15.0643



20.3577, 27.7665, 34.0246

Rectangle

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



27.6839, 27.7665, 53.1906



32.6781, 27.7665, 40.5067



25.1394, 27.7665, 15.0643



20.9673, 27.7665, 21.8623

Sweetspot

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



27.6848, 27.7676, 53.1913



75.2748, 78.6025, 99.4835



34.5643, 44.6123, 45.9710



16.1458, 16.8364, 21.7841



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.6848, 27.7676, 53.1913



43.7433, 42.9581, 94.2654



27.4361, 23.9447, 52.4665



9.2226, 9.6375, 12.0463



7.0484, 4.2085, 32.8337



0.3327, 0.2780, 1.3050

Inverse Universe

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



33.7782, 27.7277, 29.5594



56.3510, 43.4163, 45.2479



40.3964, 48.0548, 26.5494



9.6342, 9.5780, 10.4627



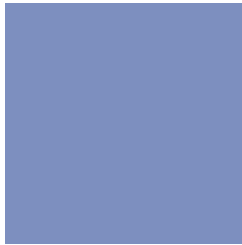
14.5585, 7.4545, 2.9685



0.5988, 0.3034, 0.2667

Previews

White Background



This preview shows how the XYZ color 27.6839, 27.7665, 53.1906 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 27.6839, 27.7665, 53.1906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

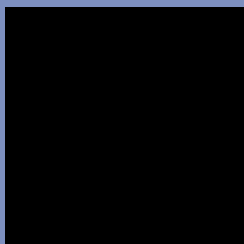
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6839, 27.7665, 53.1906

Background



This preview shows how black text looks on a background with the XYZ color 27.6839, 27.7665, 53.1906.



This preview shows how white text looks on a background with the XYZ color 27.6839, 27.7665,

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

27.6839, 27.7665, 53.1906

Protanopia

28.1732, 27.8095, 52.5981

Deuteranopia

28.2889, 27.6366, 53.1336



Tritanopia

24.6517, 27.9197, 37.8080

Trichromacy



Original Color

27.6839, 27.7665, 53.1906

Protanomaly

27.8694, 27.6529, 52.5839

Deuteranomaly

28.1302, 27.7747, 53.1686

Tritanomaly

25.7653, 27.9109, 43.0591

Monochromacy



Original Color

27.6839, 27.7665, 53.1906

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3210, 27.4172, 37.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6839, 27.7665, 53.1906 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(125, 143, 191)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 191)  
}
```

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(125, 143, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 191) }
```

Border

The CSS property to change the border of an element to XYZ 27.6839, 27.7665, 53.1906 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(125, 143, 191) }
```


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

```
.border{ border-color:rgb(125, 143, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6839, 27.7665, 53.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 191) }
```

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

```
.background{ background-color: rgb(125,  
143, 191) }
```

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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