

Converting Colors

XYZ(27.5954, 27.3763, 45.7030)

Have a look what the booklet for
XYZ(27.5954, 27.3763, 45.7030)
contains.

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Color

**XYZ(27.7141, 27.4983,
45.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	888DB2
RGB	136, 141, 178
RGB Percent	53%, 55%, 70%
CMY	0.4667, 0.4470, 0.3020
CMYK	0.24, 0.21, 0.00, 0.30
HSL	233°, 21%, 62%
HSV	233°, 24%, 70%
XYZ	27.7141, 27.4983, 45.9665
YIQ	143.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

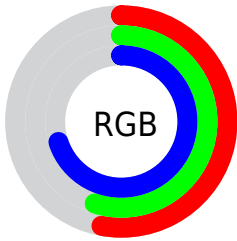
Format	Color
R_{YB}	136, 140, 178
Decimal	8949170
CIE _{Lab}	59.43, 6.42, -19.98
CIE _{LCh}	59, 20.983, 287.803
Yxy	27.4983, 0.2739, 0.2718
Android (android.graphics.Color)	4287139250 (0xFF888DB2)
YUV	143.7230, 16.8986, -6.7731
Hunter-Lab	52.4388, 2.5699, -15.2649

Details

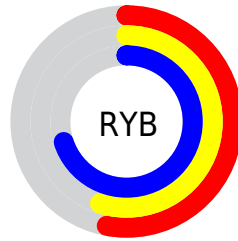
The XYZ color **27.7141, 27.4983, 45.9665** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.7480, 41.1300, 29.2427**, and the grayscale version is **26.3371, 27.7087, 30.1747**.

A 20% lighter version of the original color is **55.6016, 55.9179, 85.7046**, and **11.1891, 10.8941, 20.9151** is the 20% darker color. If you saturate the color by 10%, you get **22.9091, 21.8290, 45.1259**, and if you desaturate by 10%, it is **33.3283, 34.0720, 46.9399**.

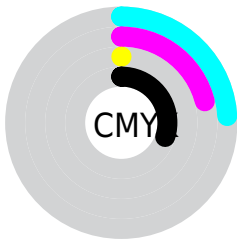
Distribution



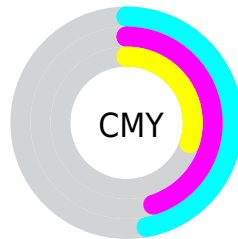
- Red (53%)
- Green (55%)
- Blue (70%)



- Red (53%)
- Yellow (55%)
- Blue (70%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (47%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7141, 27.4983, 45.9665 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 27.7141, 27.4983, 45.9665 by changing the saturation by 10% instead.

■ 27.7141, 27.4983,
45.9665

■ 27.7141, 27.4983,
45.9665

283.2032,
290.0618, 386.9476

■ 18.2496, 17.9478,
31.8709

■ 55.4395, 55.6825,
85.5026

■ 11.2301, 10.9125,
20.9989

■ 74.4311, 75.0849,
111.7802

■ 6.2903, 6.0080,
12.9320

■ 97.3292, 98.5401,
142.9556

■ 3.0647, 2.8500,
7.2515

124.4990,
126.4325, 179.4472

■ 1.1881, 1.0539,
3.5391

156.3060,
159.1465, 221.6737

■ 0.0969, 0.0000,
1.3761

193.1154,

■ 0.0000, 0.0000,

197.0664, 270.0536

0.1229

235.2927,
240.5767, 325.0054

■ 0.0000, 0.0000,
0.0000

■ 27.7141, 27.4983,
45.9665

■ 27.7141, 27.4983,
45.9665

■ 22.9091, 21.8290,
45.1259

■ 33.3283, 34.0720,
46.9399

■ 18.8734, 17.0213,
44.4107

■ 39.7841, 41.5840,
48.0496

■ 15.5674, 13.0337,
43.8152

■ 47.1151, 50.0704,
49.3013

■ 12.9472, 9.8201,
43.3330

■ 55.3525, 59.5645,
50.6996

■ 10.9637, 7.3296,
42.9568

■ 64.5258, 70.0978,
52.2493

■ 9.5616, 5.5051,
42.6786

■ 74.6634, 81.7006,
53.9546

■ 8.6756, 4.2807,
42.4890

■ 83.7007, 93.3238,
55.7217

■ 8.3077, 3.7579,
42.4074

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



25.0818, 27.4983, 46.4564



27.7141, 27.4983, 45.9665



30.0670, 27.4983, 40.7676

Triad

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



27.7141, 27.4983, 45.9665



29.6845, 27.4983, 20.4372



21.4959, 27.4983, 26.9824

Complementary

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



27.7141, 27.4983, 45.9665



37.7480, 41.1300, 29.2427

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.



22.5640, 27.4983, 21.2240



27.7141, 27.4983, 45.9665



27.2200, 27.4983, 17.8928

Square

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



27.7141, 27.4983, 45.9665



31.2561, 27.4983, 25.7253



24.6196, 27.4983, 18.1543



21.6085, 27.4983, 34.5938

Rectangle

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



27.7141, 27.4983, 45.9665



31.1068, 27.4983, 35.7563



24.6196, 27.4983, 18.1543



21.7256, 27.4983, 24.7931

Sweetspot

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



27.7150, 27.4994, 45.9671



67.8385, 70.4068, 86.3956



33.5593, 40.0696, 45.1974



14.8749, 15.4187, 19.1144



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.7150, 27.4994, 45.9671



45.8184, 44.6397, 82.5826



29.6776, 27.4412, 45.8524



8.1208, 8.3878, 10.6973



5.9696, 2.7396, 30.3512



0.2139, 0.1383, 0.9637

Inverse Universe

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



31.9727, 28.9972, 29.1123



54.8470, 47.9172, 46.8190



35.3874, 41.3633, 29.4122



8.5362, 8.5212, 9.0559



13.2478, 6.8167, 1.1991



0.4300, 0.2197, 0.1069

Previews

White Background



This preview shows how the XYZ color 27.7141, 27.4983, 45.9665 looks on a white background.

Color Contrast Check

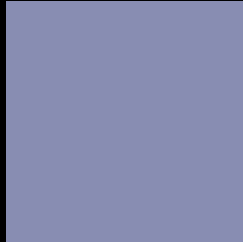
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7141, 27.4983, 45.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

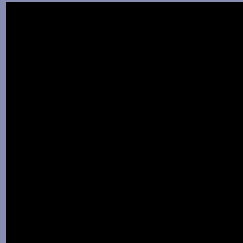
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7141, 27.4983, 45.9665

Background



This preview shows how black text looks on a background with the XYZ color 27.7141, 27.4983, 45.9665.



This preview shows how white text looks on a background with the XYZ color 27.7141, 27.4983,

45.9665.

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

27.7141, 27.4983, 45.9665

Protanopia

27.5404, 27.6287, 46.0008

Deuteranopia

28.0614, 27.4595, 45.9407



Tritanopia

25.6419, 27.5566, 35.4200

Trichromacy



Original Color

27.7141, 27.4983, 45.9665

Protanomaly

27.7006, 27.7113, 46.0083

Deuteranomaly

27.8952, 27.3738, 45.9329

Tritanomaly

26.3470, 27.6134, 39.0632

Monochromacy



Original Color

27.7141, 27.4983, 45.9665

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8077, 27.7079, 35.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7141, 27.4983, 45.9665 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(136, 141, 178)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 178)  
}
```

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(136, 141, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 178) }
```

Border

The CSS property to change the border of an element to XYZ 27.7141, 27.4983, 45.9665 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(136, 141, 178) }
```


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

```
.border{ border-color:rgb(136, 141, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 141, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 178);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7141, 27.4983, 45.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 178) }
```

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

```
.background{ background-color: rgb(136,  
141, 178) }
```

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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