

Converting Colors

XYZ(27.3094, 28.2997, 45.7249)

Have a look what the booklet for
XYZ(27.3094, 28.2997, 45.7249)
contains.

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Color

**XYZ(27.2671, 28.1709,
45.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	8291B1
RGB	130, 145, 177
RGB Percent	51%, 57%, 69%
CMY	0.4902, 0.4314, 0.3059
CMYK	0.27, 0.18, 0.00, 0.31
HSL	221°, 23%, 60%
HSV	221°, 27%, 69%
XYZ	27.2671, 28.1709, 45.5954
YIQ	144.1630, -19.2120, 6.7720

Conversions

Conversions Part 2

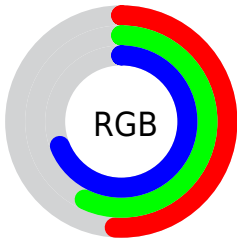
Format	Color
RYB	130, 141, 177
Decimal	8556977
CIELab	60.04, 1.99, -18.52
CIElCh	60, 18.628, 276.143
Yxy	28.1709, 0.2699, 0.2788
Android (android.graphics.Color)	4286747057 (0xFF8291B1)
YUV	144.1630, 16.1886, -12.4210
Hunter-Lab	53.0763, -1.1819, -13.7799

Details

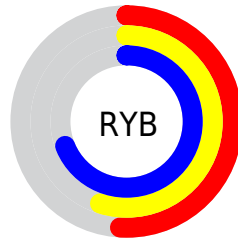
The XYZ color **27.2671, 28.1709, 45.5954** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0815, 36.7997, 26.3739**, and the grayscale version is **26.5179, 27.8989, 30.3819**.

A 20% lighter version of the original color is **54.8986, 56.9204, 85.1841**, and **10.9547, 11.3019, 20.6729** is the 20% darker color. If you saturate the color by 10%, you get **23.0375, 23.4009, 44.8981**, and if you desaturate by 10%, it is **32.1609, 33.5746, 46.3810**.

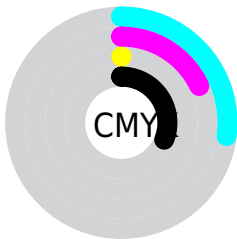
Distribution



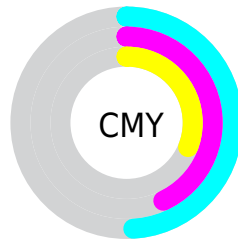
- Red (51%)
- Green (57%)
- Blue (69%)



- Red (51%)
- Yellow (55%)
- Blue (69%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2671, 28.1709, 45.5954 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 27.2671, 28.1709, 45.5954 by changing the saturation by 10% instead.

■ 27.2671, 28.1709,
45.5954

■ 27.2671, 28.1709,
45.5954

281.0921,
293.2826, 385.4098

■ 17.9115, 18.4545,
31.5803

■ 54.7290, 56.7572,
84.9410

■ 10.9858, 11.2768,
20.7790

■ 73.5662, 76.3959,
111.1087

■ 6.1245, 6.2533,
12.7729

■ 96.2945, 100.1108,
142.1642

■ 2.9623, 2.9997,
7.1434

123.2794,
128.2863, 178.5263

■ 1.1339, 1.1316,
3.4722

154.8863,
161.3069, 220.6133

■ 0.0532, 0.0047,
1.3405

191.4804,

■ 0.0000, 0.0000,

199.5569, 268.8439

0.0946

233.4273,
243.4207, 323.6365

■ 0.0000, 0.0000,
0.0000

■ 27.2671, 28.1709,
45.5954

■ 27.2671, 28.1709,
45.5954

■ 23.0375, 23.4009,
44.8981

■ 32.1609, 33.5746,
46.3810

■ 19.4394, 19.2368,
44.2840

■ 37.7442, 39.6317,
47.2558

■ 16.4413, 15.6535,
43.7504

■ 44.0441, 46.3650,
48.2234

■ 14.0078, 12.6228,
43.2936

■ 51.0857, 53.7955,
49.2865

■ 12.0993, 10.1137,
42.9099

■ 58.8926, 61.9428,
50.4477

■ 10.6707, 8.0917,
42.5949

■ 67.4874, 70.8262,
51.7093

■ 9.6623, 6.5137,
42.3435

■ 76.8918, 80.4638,
53.0739

■ 9.3741, 6.0508,
42.2693

■ 80.7523, 87.5871,
54.2454

■ 84.4464, 94.9753,
55.4767

Harmonies

Analogous

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



24.9713, 28.1709, 44.2516



27.2671, 28.1709, 45.5954



29.5594, 28.1709, 42.4892

Triad

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



27.2671, 28.1709, 45.5954



30.6340, 28.1709, 23.5902



22.8137, 28.1709, 25.6834

Complementary

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



27.2671, 28.1709, 45.5954



35.0815, 36.7997, 26.3739

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.



24.1723, 28.1709, 21.2803



27.2671, 28.1709, 45.5954



28.6648, 28.1709, 20.2025

Square

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



27.2671, 28.1709, 45.5954



31.5759, 28.1709, 29.2954



26.2900, 28.1709, 19.4239



22.4883, 28.1709, 32.0938

Rectangle

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



27.2671, 28.1709, 45.5954



30.7484, 28.1709, 38.5491



26.2900, 28.1709, 19.4239



23.1606, 28.1709, 23.9507

Sweetspot

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



27.2680, 28.1720, 45.5960



65.9297, 69.1804, 84.3736



31.3912, 38.7757, 39.7031



13.9564, 14.6343, 18.2334



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.2680, 28.1720, 45.5960



44.1552, 45.2000, 80.8925



26.3728, 24.5294, 44.9401



8.2560, 8.6582, 10.7424



6.8411, 4.4826, 30.6417



0.2693, 0.2490, 0.9821

Inverse Universe

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



31.2257, 27.3575, 30.4240



52.5588, 43.8124, 48.5999



36.1500, 41.5100, 27.2268



8.6044, 8.5485, 9.4153



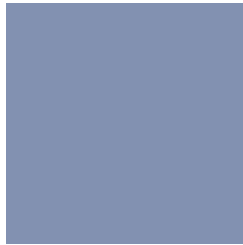
13.6877, 6.9927, 3.5156



0.4579, 0.2309, 0.2542

Previews

White Background



This preview shows how the XYZ color 27.2671, 28.1709, 45.5954 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 27.2671, 28.1709, 45.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

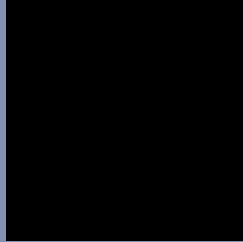
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2671, 28.1709, 45.5954

Background



This preview shows how black text looks on a background with the XYZ color 27.2671, 28.1709, 45.5954.

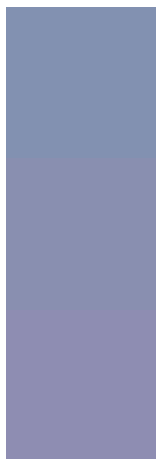


This preview shows how white text looks on a background with the XYZ color 27.2671, 28.1709,

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

27.2671, 28.1709, 45.5954

Protanopia

27.9755, 28.0979, 45.0233

Deuteranopia

28.7161, 28.0149, 46.0134



Tritanopia

25.5393, 28.1535, 37.3458

Trichromacy



Original Color

27.2671, 28.1709, 45.5954

Protanomaly

27.6412, 28.1494, 45.0508

Deuteranomaly

28.1901, 27.9636, 46.0312

Tritanomaly

26.0690, 28.1326, 40.1325

Monochromacy



Original Color

27.2671, 28.1709, 45.5954

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6215, 27.8358, 35.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2671, 28.1709, 45.5954 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(130, 145, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 145, 177)  
}
```

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(130, 145, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 145, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.2671, 28.1709, 45.5954 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(130, 145, 177) }
```


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

```
.border{ border-color:rgb(130, 145, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 145, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 145, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 145, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 145,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2671, 28.1709, 45.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 145, 177) }
```

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

```
.background{ background-color: rgb(130,  
145, 177) }
```

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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