

Converting Colors

XYZ(27.8892, 29.4150, 45.8027)

Have a look what the booklet for
XYZ(27.8892, 29.4150, 45.8027)
contains.

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Color

**XYZ(27.8892, 29.4150,
45.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	8295B1
RGB	130, 149, 177
RGB Percent	51%, 58%, 69%
CMY	0.4902, 0.4157, 0.3059
CMYK	0.27, 0.16, 0.00, 0.31
HSL	216°, 23%, 60%
HSV	216°, 27%, 69%
XYZ	27.8892, 29.4150, 45.8027
YIQ	146.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

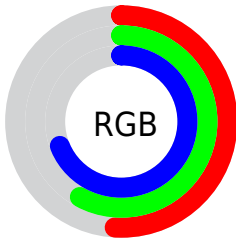
Format	Color
RYB	130, 144, 177
Decimal	8558001
CIELab	61.15, -0.27, -16.85
CIELCh	61, 16.847, 269.071
Yxy	29.4150, 0.2705, 0.2853
Android (android.graphics.Color)	4286748081 (0xFF8295B1)
YUV	146.5110, 15.0311, -14.4801
Hunter-Lab	54.2356, -3.1235, -12.1063

Details

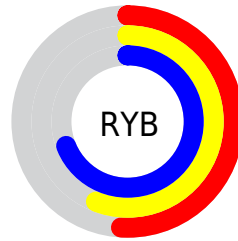
The XYZ color **27.8892, 29.4150, 45.8027** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.3881, 35.4130, 26.1430**, and the grayscale version is **27.4783, 28.9093, 31.4822**.

A 20% lighter version of the original color is **55.8311, 58.7854, 85.4949**, and **11.2302, 11.8529, 20.7647** is the 20% darker color. If you saturate the color by 10%, you get **23.8109, 24.9478, 45.1559**, and if you desaturate by 10%, it is **32.5874, 34.4275, 46.5231**.

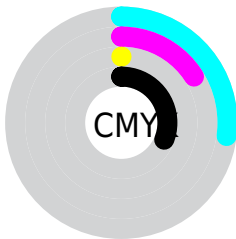
Distribution



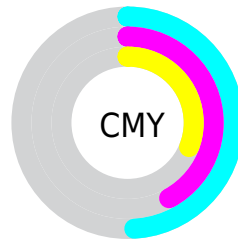
- Red (51%)
- Green (58%)
- Blue (69%)



- Red (51%)
- Yellow (56%)
- Blue (69%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8892, 29.4150, 45.8027 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 27.8892, 29.4150, 45.8027 by changing the saturation by 10% instead.

■ 27.8892, 29.4150,
45.8027

■ 27.8892, 29.4150,
45.8027

284.0268,
299.1680, 386.2694

■ 18.3822, 19.3950,
31.7426

■ 55.7174, 58.7358,
85.2548

■ 11.3261, 11.9560,
20.9018

■ 74.7692, 78.8054,
111.4839

■ 6.3555, 6.7137,
12.8617

■ 97.7334, 102.9936,
142.6065

■ 3.1051, 3.2837,
7.2038

124.9753,
131.6848, 179.0410

■ 1.2096, 1.2816,
3.5095

156.8602,
165.2635, 221.2060

■ 0.1139, 0.1269,
1.3603

193.7536,

■ 0.0000, 0.0000,

204.1140, 269.5200

0.1105

236.0206,
248.6207, 324.4016

■ 0.0000, 0.0000,
0.0000

■ 27.8892, 29.4150,
45.8027

■ 27.8892, 29.4150,
45.8027

■ 23.8109, 24.9478,
45.1559

■ 32.5874, 34.4275,
46.5231

■ 20.3220, 21.0019,
44.5781

■ 37.9288, 40.0008,
47.3173

■ 17.3930, 17.5570,
44.0676

■ 43.9388, 46.1542,
48.1883

■ 14.9910, 14.5893,
43.6214

■ 50.6405, 52.9049,
49.1381

■ 13.0790, 12.0732,
43.2365

■ 58.0561, 60.2695,
50.1687

■ 11.6147, 9.9797,
42.9096

■ 66.2063, 68.2637,
51.2822

■ 10.5414, 8.2720,
42.6365

■ 75.1115, 76.9028,
52.4804

■ 10.2247, 7.7520,
42.5528

■ 78.4163, 82.9151,
53.4667

■ 81.4973, 89.0771,
54.4937

Harmonies

Analogous

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



25.8303, 29.4150, 43.6429



27.8892, 29.4150, 45.8027



30.0741, 29.4150, 43.8860

Triad

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



27.8892, 29.4150, 45.8027



31.8391, 29.4150, 26.4711



24.4690, 29.4150, 26.1711

Complementary

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



27.8892, 29.4150, 45.8027



34.3881, 35.4130, 26.1430

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.



25.9437, 29.4150, 22.5250



27.8892, 29.4150, 45.8027



30.1996, 29.4150, 22.6815

Square

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



27.8892, 29.4150, 45.8027



32.4259, 29.4150, 32.2258



28.0271, 29.4150, 21.3354



23.9208, 29.4150, 31.8309

Rectangle

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



27.8892, 29.4150, 45.8027



31.2931, 29.4150, 40.6809



28.0271, 29.4150, 21.3354



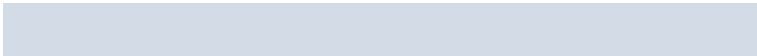
24.8688, 29.4150, 24.6982

Sweetspot

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



27.8901, 29.4162, 45.8034



66.3344, 69.9897, 84.5085



31.0502, 38.6393, 37.9075



14.0588, 14.8389, 18.2676



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.



27.8901, 29.4162, 45.8034



45.4410, 47.7715, 81.3211



25.7375, 24.2020, 44.9104



8.3146, 8.7754, 10.7619



7.4645, 5.7293, 30.8494



0.2928, 0.2962, 0.9900

Inverse Universe

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



31.5397, 27.4832, 32.0774



53.2078, 44.0720, 52.0175



37.0040, 41.9503, 27.2669



8.6340, 8.5603, 9.5710



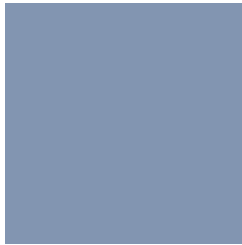
14.0024, 7.1185, 5.1724



0.4698, 0.2357, 0.3168

Previews

White Background



This preview shows how the XYZ color 27.8892, 29.4150, 45.8027 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 27.8892, 29.4150, 45.8027 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

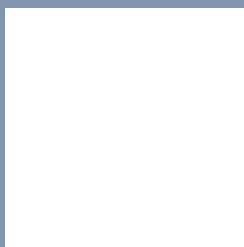
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8892, 29.4150, 45.8027

Background



This preview shows how black text looks on a background with the XYZ color 27.8892, 29.4150, 45.8027.



This preview shows how white text looks on a background with the XYZ color 27.8892, 29.4150,

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

27.8892, 29.4150, 45.8027

Protanopia

29.0013, 29.3156, 44.6874

Deuteranopia

29.8632, 29.2719, 46.1956



Tritanopia

26.4299, 29.2896, 38.9108

Trichromacy



Original Color

27.8892, 29.4150, 45.8027

Protanomaly

28.5867, 29.3204, 45.2270

Deuteranomaly

29.1300, 29.3476, 46.2488

Tritanomaly

26.8763, 29.2290, 41.2710

Monochromacy



Original Color

27.8892, 29.4150, 45.8027

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7460, 29.3112, 36.5430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8892, 29.4150, 45.8027 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, 149, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 149, 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, 149, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 149, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.8892, 29.4150, 45.8027 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, 149, 177) }
```


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

```
.border{ border-color:rgb(130, 149, 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, 149, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 149, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 149, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 149,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8892, 29.4150, 45.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 149, 177) }
```

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

```
.background{ background-color: rgb(130,  
149, 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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