

Converting Colors

XYZ(28.1836, 29.4875, 49.3347)

Have a look what the booklet for
XYZ(28.1836, 29.4875, 49.3347)
contains.

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Color

**XYZ(28.3013, 29.5448,
49.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	8095B8
RGB	128, 149, 184
RGB Percent	50%, 58%, 72%
CMY	0.4980, 0.4157, 0.2784
CMYK	0.30, 0.19, 0.00, 0.28
HSL	217°, 28%, 61%
HSV	217°, 30%, 72%
XYZ	28.3013, 29.5448, 49.5585
YIQ	146.7110, -23.7510, 6.4330

Conversions

Conversions Part 2

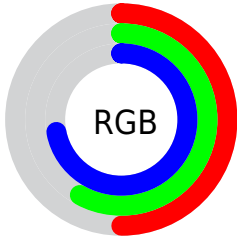
Format	Color
RYB	128, 143, 184
Decimal	8426936
CIELab	61.26, 0.87, -20.64
CIElCh	61, 20.657, 272.405
Yxy	29.5448, 0.2635, 0.2751
Android (android.graphics.Color)	4286617016 (0xFF8095B8)
YUV	146.7110, 18.3835, -16.4095
Hunter-Lab	54.3551, -2.1812, -16.0093

Details

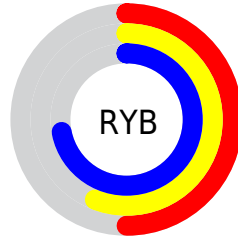
The XYZ color **28.3013, 29.5448, 49.5585** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.7612, 37.9437, 25.8094**, and the grayscale version is **27.5483, 28.9829, 31.5624**.

A 20% lighter version of the original color is **56.3755, 58.9482, 90.8449**, and **11.5250, 11.9518, 23.1722** is the 20% darker color. If you saturate the color by 10%, you get **24.0503, 24.7850, 48.8643**, and if you desaturate by 10%, it is **33.2358, 34.9250, 50.3374**.

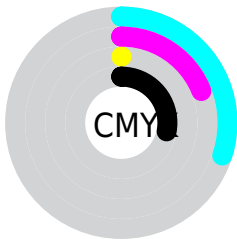
Distribution



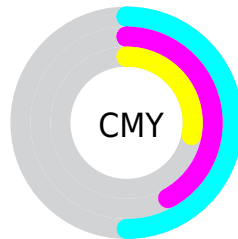
- Red (50%)
- Green (58%)
- Blue (72%)



- Red (50%)
- Yellow (56%)
- Blue (72%)



- Cyan (30%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)



- Cyan (50%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3013, 29.5448, 49.5585 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 28.3013, 29.5448, 49.5585 by changing the saturation by 10% instead.

■ 28.3013, 29.5448,
49.5585

■ 28.3013, 29.5448,
49.5585

285.9579,
299.7769, 401.6224

■ 18.6945, 19.4933,
34.6940

■ 56.3704, 58.9416,
90.9099

■ 11.5524, 12.0273,
23.1456

■ 75.5634, 79.0556,
118.2340

■ 6.5097, 6.7623,
14.4947

■ 98.6826, 103.2927,
150.5482

■ 3.2010, 3.3139,
8.3229

126.0933,
132.0372, 188.2713

■ 1.2609, 1.2977,
4.2115

158.1608,
165.6734, 231.8217

■ 0.1537, 0.1394,
1.7421

195.2505,

■ 0.0000, 0.0000,

204.5859, 281.6180

0.3893

237.7277,
249.1589, 338.0787

■ 0.0000, 0.0000,
0.0000

■ 28.3013, 29.5448,
49.5585

■ 28.3013, 29.5448,
49.5585

■ 24.0503, 24.7850,
48.8643

■ 33.2358, 34.9250,
50.3374

■ 20.4475, 20.6178,
48.2499

■ 38.8809, 40.9450,
51.2019

■ 17.4588, 17.0181,
47.7126

■ 45.2659, 47.6275,
52.1552

■ 15.0455, 13.9574,
47.2490

■ 52.4173, 54.9931,
53.2000

■ 13.1638, 11.4045,
46.8554

■ 60.3603, 63.0615,
54.3387

■ 11.7629, 9.3235,
46.5276

■ 69.1191, 71.8514,
55.5737

■ 10.7801, 7.7174,
46.2694

■ 78.0501, 81.0372,
56.8760

■ 81.3475, 87.6320,
57.9751

■ 84.8598, 94.6566,
59.1459

Harmonies

Analogous

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



25.7297, 29.5448, 47.3392



28.3013, 29.5448, 49.5585



30.9760, 29.5448, 46.5313

Triad

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



28.3013, 29.5448, 49.5585



32.7285, 29.5448, 24.7970



23.7001, 29.5448, 25.7228

Complementary

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



28.3013, 29.5448, 49.5585



36.7612, 37.9437, 25.8094

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.



25.3731, 29.5448, 21.1159



28.3013, 29.5448, 49.5585



30.5723, 29.5448, 20.6451

Square

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



28.3013, 29.5448, 49.5585



33.6328, 29.5448, 31.5453



27.8627, 29.5448, 19.4136



23.1773, 29.5448, 32.8014

Rectangle

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



28.3013, 29.5448, 49.5585



32.4288, 29.5448, 42.1907



27.8627, 29.5448, 19.4136



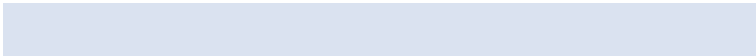
24.1411, 29.5448, 23.8754

Sweetspot

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



28.3022, 29.5460, 49.5592



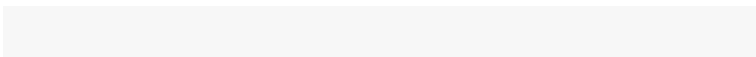
71.8905, 75.7094, 93.0289



32.6125, 41.4985, 40.7234



15.1557, 15.9602, 20.0034



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.3022, 29.5460, 49.5592



45.6450, 47.2474, 88.9185



26.2885, 24.0123, 48.5972



8.7897, 9.2566, 11.4029



7.4926, 5.4449, 31.9091



0.3244, 0.3125, 1.1450

Inverse Universe

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



32.9120, 27.7996, 32.0662



55.5819, 44.0816, 51.0755



39.2754, 45.2421, 27.0856



9.1402, 9.0664, 10.0856



14.3956, 7.3320, 4.7041



0.5379, 0.2706, 0.3261

Previews

White Background



This preview shows how the XYZ color 28.3013, 29.5448, 49.5585 looks on a white background.

Color Contrast Check

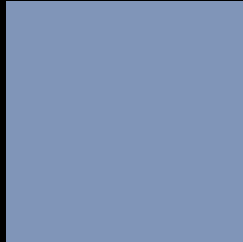
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3013, 29.5448, 49.5585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

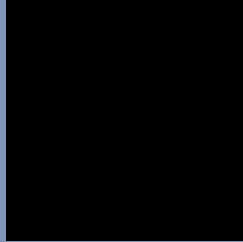
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3013, 29.5448, 49.5585

Background



This preview shows how black text looks on a background with the XYZ color 28.3013, 29.5448, 49.5585.

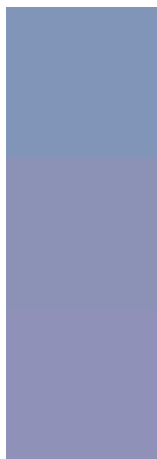


This preview shows how white text looks on a background with the XYZ color 28.3013, 29.5448,

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

28.3013, 29.5448, 49.5585

Protanopia

29.3698, 29.4241, 48.3874

Deuteranopia

30.2100, 29.5932, 50.0188



Tritanopia

26.3319, 29.4582, 39.8955

Trichromacy



Original Color

28.3013, 29.5448, 49.5585

Protanomaly

28.9726, 29.4372, 48.9547

Deuteranomaly

29.5171, 29.4638, 50.0303

Tritanomaly

26.9704, 29.4717, 43.2968

Monochromacy



Original Color

28.3013, 29.5448, 49.5585

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7503, 29.2933, 37.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3013, 29.5448, 49.5585 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(128, 149, 184)` looks like.

```
.text, #text, p{  
    color:rgb(128, 149, 184)  
}
```

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(128, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 149, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.3013, 29.5448, 49.5585 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(128, 149, 184) }
```


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

```
.border{ border-color:rgb(128, 149, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 149, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(128, 149,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3013, 29.5448, 49.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 149, 184) }
```

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

```
.background{ background-color: rgb(128,  
149, 184) }
```

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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