

Converting Colors

XYZ(29.2794, 31.5278, 48.1163)

Have a look what the booklet for
XYZ(29.2794, 31.5278, 48.1163)
contains.

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Color

**XYZ(29.2678, 31.5247,
48.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	829BB5
RGB	130, 155, 181
RGB Percent	51%, 61%, 71%
CMY	0.4902, 0.3921, 0.2902
CMYK	0.28, 0.14, 0.00, 0.29
HSL	211°, 26%, 61%
HSV	211°, 28%, 71%
XYZ	29.2678, 31.5247, 48.2584
YIQ	150.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

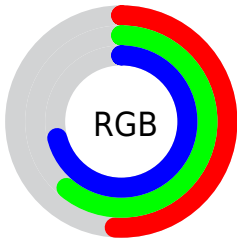
Format	Color
R_{YB}	130, 147, 181
Decimal	8559541
CIE _{Lab}	62.95, -2.65, -16.37
CIE _{LCh}	63, 16.584, 260.793
Yxy	31.5247, 0.2684, 0.2891
Android (android.graphics.Color)	4286749621 (0xFF829BB5)
YUV	150.4890, 15.0419, -17.9689
Hunter-Lab	56.1469, -5.2099, -11.6571

Details

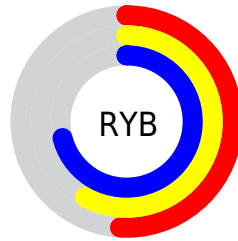
The XYZ color **29.2678, 31.5247, 48.2584** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.9744, 35.2129, 26.0735**, and the grayscale version is **29.1431, 30.6608, 33.3896**.

A 20% lighter version of the original color is **57.8537, 61.9057, 89.0205**, and **12.0710, 13.1214, 22.3185** is the 20% darker color. If you saturate the color by 10%, you get **25.2547, 27.2633, 47.6479**, and if you desaturate by 10%, it is **33.8886, 36.2751, 48.9323**.

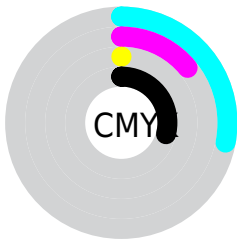
Distribution



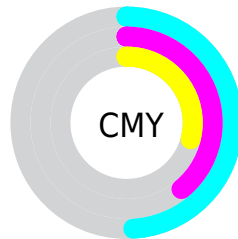
- Red (51%)
- Green (61%)
- Blue (71%)



- Red (51%)
- Yellow (58%)
- Blue (71%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2678, 31.5247, 48.2584 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 29.2678, 31.5247, 48.2584 by changing the saturation by 10% instead.

■ 29.2678, 31.5247,
48.2584

■ 29.2678, 31.5247,
48.2584

290.4479,
308.9484, 396.3537

■ 19.4288, 20.9987,
33.6701

■ 57.8969, 62.0652,
88.9586

■ 12.0864, 13.1231,
22.3650

■ 77.4177, 82.8486,
115.9075

■ 6.8751, 7.5133,
13.9245

■ 100.8966,
107.8198, 147.8138

■ 3.4298, 3.7852,
7.9300

128.6987,
137.3633, 185.0959

■ 1.3849, 1.5541,
3.9631

161.1896,
171.8636, 228.1724

■ 0.2454, 0.3264,
1.6051

198.7345,

■ 0.0000, 0.0000,

211.7049, 277.4619

0.2945

241.6988,
257.2717, 333.3828

■ 0.0000, 0.0000,
0.0000

■ 29.2678, 31.5247,
48.2584

■ 29.2678, 31.5247,
48.2584

■ 25.2547, 27.2633,
47.6479

■ 33.8886, 36.2751,
48.9323

■ 21.8181, 23.4688,
47.0966

■ 39.1405, 41.5280,
49.6694

■ 18.9285, 20.1225,
46.6030

■ 45.0489, 47.3010,
50.4723

■ 16.5520, 17.2030,
46.1648

■ 51.6372, 53.6095,
51.3427

■ 14.6509, 14.6864,
45.7792

■ 58.9274, 60.4685,
52.2824

■ 13.1812, 12.5455,
45.4434

■ 66.9405, 67.8920,
53.2930

■ 12.0730, 10.7397,
45.1533

■ 75.0671, 75.5692,
54.3465

■ 11.8905, 10.4361,
45.1043

■ 77.5502, 80.5354,
55.1742

■ 80.1689, 85.7728,
56.0471

Harmonies

Analogous

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



27.2786, 31.5247, 44.9930



29.2678, 31.5247, 48.2584



31.5454, 31.5247, 47.4405

Triad

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



29.2678, 31.5247, 48.2584



34.2481, 31.5247, 30.0612



26.6954, 31.5247, 26.9895

Complementary

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



29.2678, 31.5247, 48.2584



34.9744, 35.2129, 26.0735

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.



28.4349, 31.5247, 23.8814



29.2678, 31.5247, 48.2584



32.8186, 31.5247, 25.4925

Square

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



29.2678, 31.5247, 48.2584



34.4989, 31.5247, 36.3718



30.6697, 31.5247, 23.3705



25.8437, 31.5247, 32.3565

Rectangle

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



29.2678, 31.5247, 48.2584



32.9174, 31.5247, 44.7263



30.6697, 31.5247, 23.3705



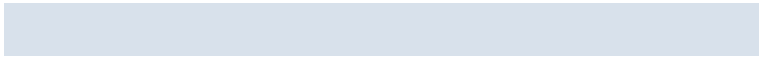
27.1914, 31.5247, 25.6760

Sweetspot

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



29.2688, 31.5260, 48.2591



70.1409, 74.4163, 88.9616



31.6891, 40.1777, 37.3167



14.8409, 15.7682, 19.1836



86.6293, 91.1408, 99.2523



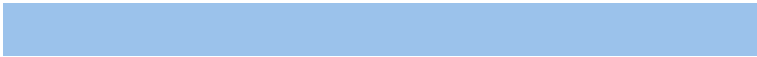
17.0014, 17.8868, 19.4787

Same Dimension

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



29.2688, 31.5260, 48.2591



47.7017, 51.4832, 85.7177



25.5299, 24.0483, 47.0128



8.3744, 8.8950, 10.7819



8.2661, 7.3325, 31.1166



0.3185, 0.3476, 0.9985

Inverse Universe

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



32.9559, 28.1565, 34.7094



55.5537, 44.8745, 56.7358



39.6098, 44.4838, 27.6186



8.6642, 8.5724, 9.7300



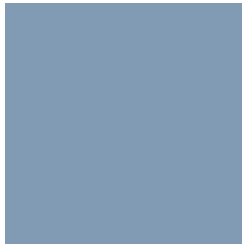
14.4070, 7.2803, 7.3031



0.4828, 0.2409, 0.3851

Previews

White Background



This preview shows how the XYZ color 29.2678, 31.5247, 48.2584 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.2678, 31.5247, 48.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

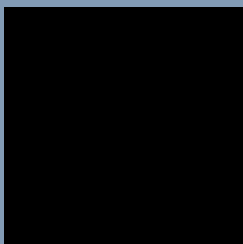
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

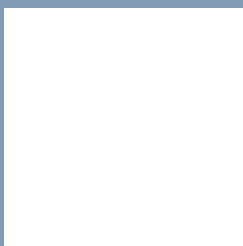
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2678, 31.5247, 48.2584

Background



This preview shows how black text looks on a background with the XYZ color 29.2678, 31.5247, 48.2584.



This preview shows how white text looks on a background with the XYZ color 29.2678, 31.5247,

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

29.2678, 31.5247, 48.2584

Protanopia

31.1351, 31.5506, 46.5684

Deuteranopia

32.1398, 31.5477, 48.6513



Tritanopia

28.1205, 31.5677, 42.1472

Trichromacy



Original Color

29.2678, 31.5247, 48.2584

Protanomaly

30.3494, 31.3739, 47.1040

Deuteranomaly

31.0117, 31.4399, 48.6900

Tritanomaly

28.4846, 31.4612, 44.1065

Monochromacy



Original Color

29.2678, 31.5247, 48.2584

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9890, 30.8693, 38.1487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2678, 31.5247, 48.2584 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, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 181)  
}
```

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, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 181) }
```

Border

The CSS property to change the border of an element to XYZ 29.2678, 31.5247, 48.2584 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, 155, 181) }
```


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

```
.border{ border-color:rgb(130, 155, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 155, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2678, 31.5247, 48.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 181) }
```

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

```
.background{ background-color: rgb(130,  
155, 181) }
```

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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