

Converting Colors

XYZ(28.5211, 29.1308, 52.2637)

Have a look what the booklet for
XYZ(28.5211, 29.1308, 52.2637)
contains.

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Color

**XYZ(28.5211, 29.1308,
52.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	8093BD
RGB	128, 147, 189
RGB Percent	50%, 58%, 74%
CMY	0.4980, 0.4235, 0.2588
CMYK	0.32, 0.22, 0.00, 0.26
HSL	221°, 32%, 62%
HSV	221°, 32%, 74%
XYZ	28.5211, 29.1308, 52.2637
YIQ	146.1070, -24.8060, 9.0340

Conversions

Conversions Part 2

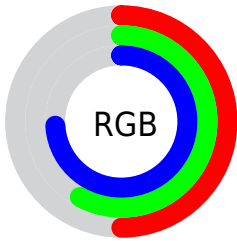
Format	Color
R _Y B	128, 142, 189
Decimal	8426429
CIE Lab	60.90, 3.29, -24.01
CIE LCh	61, 24.238, 277.805
Yxy	29.1308, 0.2595, 0.2650
Android (android.graphics.Color)	4286616509 (0xFF8093BD)
YUV	146.1070, 21.1462, -15.8798
Hunter-Lab	53.9730, -0.1274, -19.6313

Details

The XYZ color **28.5211, 29.1308, 52.2637** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.2577, 41.1270, 26.2921**, and the grayscale version is **27.2896, 28.7107, 31.2660**.

A 20% lighter version of the original color is **56.6595, 58.3109, 94.6551**, and **11.7792, 11.9047, 24.9696** is the 20% darker color. If you saturate the color by 10%, you get **24.0284, 23.9794, 51.5067**, and if you desaturate by 10%, it is **33.7741, 35.0153, 53.1232**.

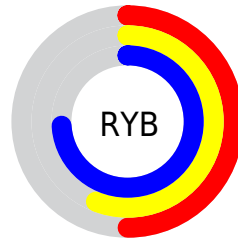
Distribution



Red (50%)

Green (58%)

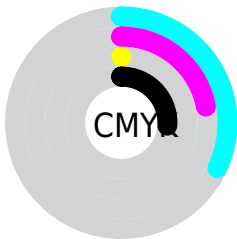
Blue (74%)



Red (50%)

Yellow (56%)

Blue (74%)

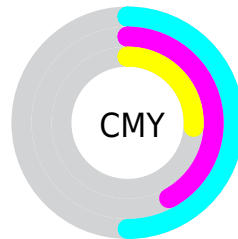


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (26%)



Cyan (50%)

Magenta (42%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5211, 29.1308, 52.2637 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 28.5211, 29.1308, 52.2637 by changing the saturation by 10% instead.

■ 28.5211, 29.1308,
52.2637

■ 28.5211, 29.1308,
52.2637

286.9838,
297.8316, 412.4397

■ 18.8613, 19.1798,
36.8316

■ 56.7182, 58.2848,
94.9506

■ 11.6735, 11.8003,
24.7824

■ 75.9862, 78.2567,
123.0424

■ 6.5924, 6.6078,
15.6975

■ 99.1876, 102.3375,
156.1913

■ 3.2526, 3.2181,
9.1583

126.6878,
130.9119, 194.8157

■ 1.2887, 1.2466,
4.7464

158.8522,
164.3640, 239.3342

■ 0.1747, 0.0993,
2.0431

196.0461,

■ 0.0000, 0.0000,

203.0785, 290.1654

0.5816

238.6348,
247.4395, 347.7277

■ 0.0000, 0.0000,
0.0000

■ 28.5211, 29.1308,
52.2637

■ 28.5211, 29.1308,
52.2637

■ 24.0284, 23.9794,
51.5067

■ 33.7741, 35.0153,
53.1232

■ 20.2562, 19.5272,
50.8461

■ 39.8190, 41.6580,
54.0867

■ 17.1650, 15.7429,
50.2786

■ 46.6890, 49.0868,
55.1586

■ 14.7102, 12.5907,
49.7996

■ 54.4144, 57.3273,
56.3420

■ 12.8415, 10.0312,
49.4040

■ 63.0242, 66.4039,
57.6401

■ 11.4996, 8.0196,
49.0865

■ 72.5456, 76.3396,
59.0561

■ 10.7428, 6.7890,
48.8888

■ 81.0270, 86.1373,
60.5002

■ 84.9556, 93.9946,
61.8098

■ 86.1854, 96.4542,
62.2197

Harmonies

Analogous

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



25.4562, 29.1308, 50.7061



28.5211, 29.1308, 52.2637



31.5807, 29.1308, 47.5441

Triad

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



28.5211, 29.1308, 52.2637



32.7698, 29.1308, 22.2053



22.4360, 29.1308, 25.5904

Complementary

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



28.5211, 29.1308, 52.2637



39.2577, 41.1270, 26.2921

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.



24.1290, 29.1308, 19.8635



28.5211, 29.1308, 52.2637



30.0465, 29.1308, 18.1839

Square

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



28.5211, 29.1308, 52.2637



34.1525, 29.1308, 29.4141



26.8712, 29.1308, 17.4167



22.0954, 29.1308, 34.1402

Rectangle

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



28.5211, 29.1308, 52.2637



33.1529, 29.1308, 41.9193



26.8712, 29.1308, 17.4167



22.8592, 29.1308, 23.3233

Sweetspot

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



28.5221, 29.1319, 52.2644



73.7914, 77.3027, 97.2579



34.3261, 43.8753, 44.5336



15.5130, 16.2370, 20.8590



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.5221, 29.1319, 52.2644



45.0388, 45.2679, 92.5900



27.5834, 24.6181, 51.4426



9.2525, 9.6973, 12.0563



7.2888, 4.6894, 32.9139



0.3455, 0.3037, 1.3093

Inverse Universe

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



33.9727, 28.3646, 31.2894



56.5293, 44.2327, 48.2417



40.4126, 47.3976, 27.4416



9.6493, 9.5840, 10.5422



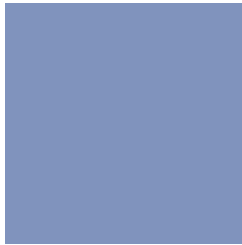
14.6798, 7.5031, 3.6077



0.6053, 0.3060, 0.3009

Previews

White Background



This preview shows how the XYZ color 28.5211, 29.1308, 52.2637 looks on a white background.

Color Contrast Check

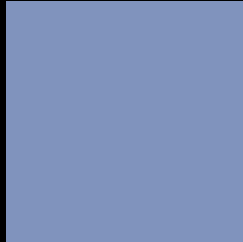
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5211, 29.1308, 52.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

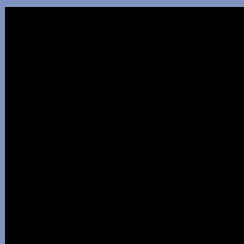
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

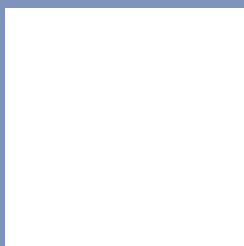
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5211, 29.1308, 52.2637

Background



This preview shows how black text looks on a background with the XYZ color 28.5211, 29.1308, 52.2637.



This preview shows how white text looks on a background with the XYZ color 28.5211, 29.1308,

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

28.5211, 29.1308, 52.2637

Protanopia

29.3558, 29.1159, 51.6497

Deuteranopia

29.7488, 29.0675, 52.7579



Tritanopia

25.9551, 29.2744, 39.4045

Trichromacy



Original Color

28.5211, 29.1308, 52.2637

Protanomaly

29.0289, 29.1752, 51.6783

Deuteranomaly

29.2512, 29.0368, 52.7782

Tritanomaly

26.7614, 29.1149, 43.7444

Monochromacy



Original Color

28.5211, 29.1308, 52.2637

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4479, 28.6554, 38.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5211, 29.1308, 52.2637 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, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 189)  
}
```

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, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 189) }
```

Border

The CSS property to change the border of an element to XYZ 28.5211, 29.1308, 52.2637 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, 147, 189) }
```


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

```
.border{ border-color:rgb(128, 147, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 189);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5211, 29.1308, 52.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 189) }
```

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

```
.background{ background-color: rgb(128,  
147, 189) }
```

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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