

Converting Colors

XYZ(29.1790, 29.5422, 49.4717)

Have a look what the booklet for
XYZ(29.1790, 29.5422, 49.4717)
contains.

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Color

**XYZ(29.2388, 29.5624,
49.5125)**

Conversions

Conversions Part 1

Format	Color
Hex	8893B8
RGB	136, 147, 184
RGB Percent	53%, 58%, 72%
CMY	0.4667, 0.4235, 0.2784
CMYK	0.26, 0.20, 0.00, 0.28
HSL	226°, 25%, 63%
HSV	226°, 26%, 72%
XYZ	29.2388, 29.5624, 49.5125
YIQ	147.9290, -18.4330, 9.1750

Conversions

Conversions Part 2

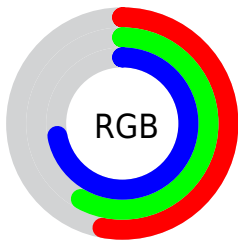
Format	Color
RYB	136, 145, 184
Decimal	8950712
CIELab	61.27, 4.45, -20.56
CIElCh	61, 21.040, 282.203
Yxy	29.5624, 0.2699, 0.2729
Android (android.graphics.Color)	4287140792 (0xFF8893B8)
YUV	147.9290, 17.7830, -10.4617
Hunter-Lab	54.3713, 0.8406, -15.9317

Details

The XYZ color **29.2388, 29.5624, 49.5125** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1551, 41.8552, 29.3086**, and the grayscale version is **28.0532, 29.5142, 32.1410**.

A 20% lighter version of the original color is **57.8500, 59.0117, 90.7795**, and **12.1177, 12.1194, 23.1733** is the 20% darker color. If you saturate the color by 10%, you get **24.4321, 24.0104, 48.6947**, and if you desaturate by 10%, it is **34.8324, 35.9251, 50.4463**.

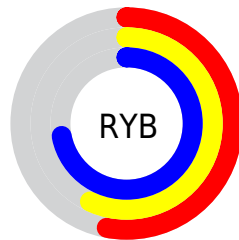
Distribution



Red (53%)

Green (58%)

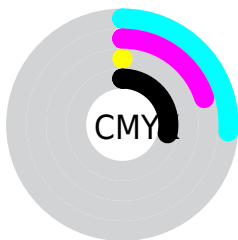
Blue (72%)



Red (53%)

Yellow (57%)

Blue (72%)

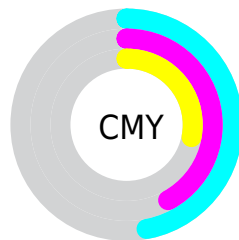


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2388, 29.5624, 49.5125 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 29.2388, 29.5624, 49.5125 by changing the saturation by 10% instead.

■ 29.2388, 29.5624,
49.5125

■ 29.2388, 29.5624,
49.5125

290.3139,
299.8593, 401.4368

■ 19.4067, 19.5067,
34.6577

■ 57.8512, 58.9694,
90.8410

■ 12.0703, 12.0370,
23.1179

■ 77.3623, 79.0896,
118.1518

■ 6.8641, 6.7689,
14.4745

■ 100.8304,
103.3333, 150.4518

■ 3.4228, 3.3180,
8.3089

128.6209,
132.0849, 188.1593

■ 1.3811, 1.2999,
4.2026

161.0991,
165.7290, 231.6931

■ 0.2427, 0.1411,
1.7372

198.6305,

■ 0.0000, 0.0000,

204.6498, 281.4715

0.3860

241.5803,
249.2318, 337.9132

■ 0.0000, 0.0000,
0.0000

■ 29.2388, 29.5624,
49.5125

■ 29.2388, 29.5624,
49.5125

■ 24.4321, 24.0104,
48.6947

■ 34.8324, 35.9251,
50.4463

■ 20.3733, 19.2323,
47.9863

■ 41.2436, 43.1263,
51.4984

■ 17.0244, 15.1937,
47.3833

■ 48.5052, 51.1965,
52.6733

■ 14.3428, 11.8561,
46.8804

■ 56.6471, 60.1639,
53.9751

■ 12.2812, 9.1773,
46.4721

■ 65.6977, 70.0553,
55.4073

■ 10.7852, 7.1101,
46.1519

■ 75.6843, 80.8964,
56.9735

■ 9.7876, 5.5985,
45.9127

■ 82.9340, 90.8050,
58.5040

■ 9.4859, 5.1289,
45.8379

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



26.5019, 29.5624, 49.0010



29.2388, 29.5624, 49.5125



31.8291, 29.5624, 44.8579

Triad

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



29.2388, 29.5624, 49.5125



32.2300, 29.5624, 22.9926



23.3271, 29.5624, 27.7488

Complementary

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



29.2388, 29.5624, 49.5125



39.1551, 41.8552, 29.3086

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.



24.6709, 29.5624, 22.1619



29.2388, 29.5624, 49.5125



29.7573, 29.5624, 19.7424

Square

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



29.2388, 29.5624, 49.5125



33.6305, 29.5624, 29.0714



26.9876, 29.5624, 19.4656



23.2085, 29.5624, 35.5207

Rectangle

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



29.2388, 29.5624, 49.5125



33.0766, 29.5624, 39.8365



26.9876, 29.5624, 19.4656



23.6462, 29.5624, 25.5878

Sweetspot

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



29.2397, 29.5636, 49.5132



72.2610, 75.3776, 92.9454



34.8180, 42.5253, 45.8075



15.1912, 15.8165, 19.9738



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.



29.2397, 29.5636, 49.5132



48.0974, 47.9447, 88.9239



29.8146, 27.4406, 49.0731



8.6837, 9.0446, 11.3675



6.5831, 3.6258, 31.6060



0.2800, 0.2236, 1.1302

Inverse Universe

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



33.8386, 29.9061, 31.5940



57.8469, 48.9200, 50.8795



38.4233, 44.7396, 29.9039



9.0867, 9.0450, 9.8039



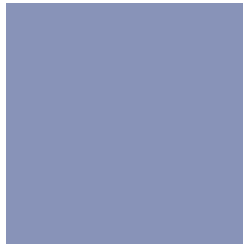
13.9365, 7.1484, 2.2865



0.5155, 0.2617, 0.2079

Previews

White Background



This preview shows how the XYZ color 29.2388, 29.5624, 49.5125 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 29.2388, 29.5624, 49.5125 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

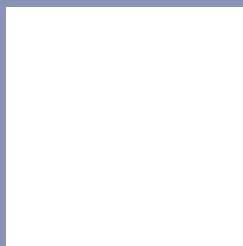
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2388, 29.5624, 49.5125

Background



This preview shows how black text looks on a background with the XYZ color 29.2388, 29.5624, 49.5125.



This preview shows how white text looks on a background with the XYZ color 29.2388, 29.5624,

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

29.2388, 29.5624, 49.5125

Protanopia

29.4736, 29.4656, 48.9338

Deuteranopia

30.1048, 29.5511, 49.4646



Tritanopia

27.1932, 29.6831, 38.9465

Trichromacy



Original Color

29.2388, 29.5624, 49.5125

Protanomaly

29.3074, 29.3799, 48.9260

Deuteranomaly

29.7458, 29.5939, 49.4918

Tritanomaly

27.9299, 29.7395, 42.7963

Monochromacy



Original Color

29.2388, 29.5624, 49.5125

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5245, 29.6823, 37.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2388, 29.5624, 49.5125 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(136, 147, 184)` looks like.

```
.text, #text, p{  
    color:rgb(136, 147, 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(136, 147, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 147, 184) }
```

Border

The CSS property to change the border of an element to XYZ 29.2388, 29.5624, 49.5125 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(136, 147, 184) }
```


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

```
.border{ border-color:rgb(136, 147, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 147, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 147, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 147, 184);  
box-shadow:4px 4px 4px 4px rgb(136, 147,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2388, 29.5624, 49.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 147, 184) }
```

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

```
.background{ background-color: rgb(136,  
147, 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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