

Converting Colors

XYZ(29.8955, 29.9256, 47.0512)

Have a look what the booklet for
XYZ(29.8955, 29.9256, 47.0512)
contains.

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Color

**XYZ(29.8981, 29.9617,
46.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	8F93B3
RGB	143, 147, 179
RGB Percent	56%, 58%, 70%
CMY	0.4392, 0.4235, 0.2980
CMYK	0.20, 0.18, 0.00, 0.30
HSL	233°, 19%, 63%
HSV	233°, 20%, 70%
XYZ	29.8981, 29.9617, 46.8552
YIQ	149.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

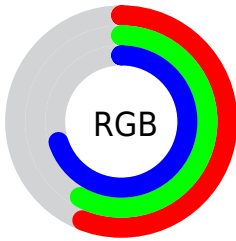
Format	Color
RYB	143, 147, 179
Decimal	9409459
CIELab	61.62, 5.47, -17.17
CIElCh	62, 18.017, 287.683
Yxy	29.9617, 0.2802, 0.2808
Android (android.graphics.Color)	4287599539 (0xFF8F93B3)
YUV	149.4520, 14.5672, -5.6584
Hunter-Lab	54.7373, 1.7084, -12.4362

Details

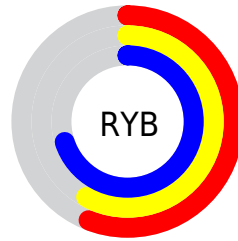
The XYZ color **29.8981, 29.9617, 46.8552** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8787, 42.2270, 32.0890**, and the grayscale version is **28.7025, 30.1973, 32.8848**.

A 20% lighter version of the original color is **58.9080, 59.6418, 87.0045**, and **12.4542, 12.3311, 21.4624** is the 20% darker color. If you saturate the color by 10%, you get **24.7378, 23.8798, 45.9537**, and if you desaturate by 10%, it is **35.8969, 36.9854, 47.8952**.

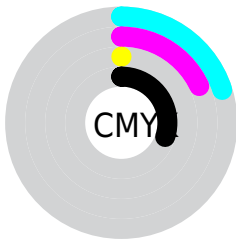
Distribution



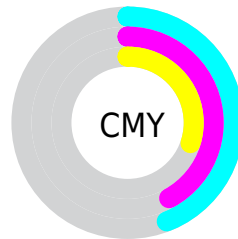
- Red (56%)
- Green (58%)
- Blue (70%)



- Red (56%)
- Yellow (58%)
- Blue (70%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (44%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8981, 29.9617, 46.8552 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 29.8981, 29.9617, 46.8552 by changing the saturation by 10% instead.

■ 29.8981, 29.9617,
46.8552

■ 29.8981, 29.9617,
46.8552

293.3475,
301.7259, 390.6133

■ 19.9089, 19.8095,
32.5677

■ 58.8887, 59.6016,
86.8452

■ 12.4367, 12.2567,
21.5271

■ 78.6209, 79.8581,
113.3847

■ 7.1162, 6.9187,
13.3148

102.3315,
104.2515, 144.8453

■ 3.5818, 3.4113,
7.5124

130.3858,
133.1662, 181.6455

■ 1.4684, 1.3501,
3.7013

163.1492,
166.9866, 224.2038

■ 0.3042, 0.1795,
1.4630

200.9870,

■ 0.0000, 0.0000,

206.0971, 272.9389

0.1901

244.2647,
250.8821, 328.2692

■ 0.0000, 0.0000,
0.0000

■ 29.8981, 29.9617,
46.8552

■ 29.8981, 29.9617,
46.8552

■ 24.7378, 23.8798,
45.9537

■ 35.8969, 36.9854,
47.8952

■ 20.3760, 18.6960,
45.1831

■ 42.7665, 44.9848,
49.0772

■ 16.7732, 14.3686,
44.5377

■ 50.5407, 53.9965,
50.4069

■ 13.8858, 10.8513,
44.0110

■ 59.2509, 64.0544,
51.8892

■ 11.6655, 8.0932,
43.5956

■ 68.9269, 75.1907,
53.5287

■ 10.0580, 6.0377,
43.2836

■ 79.5970, 87.4360,
55.3299

■ 9.0004, 4.6198,
43.0656

■ 85.1368, 96.0347,
56.6977

■ 8.3851, 3.7513,
42.9304

Harmonies

Analogous

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



27.5075, 29.9617, 47.2628



29.8981, 29.9617, 46.8552



32.0167, 29.9617, 42.3216

Triad

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



29.8981, 29.9617, 46.8552



31.6886, 29.9617, 23.8184



24.2154, 29.9617, 29.8925

Complementary

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



29.8981, 29.9617, 46.8552



38.8787, 42.2270, 32.0890

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.



25.2096, 29.9617, 24.5326



29.8981, 29.9617, 46.8552



29.4704, 29.9617, 21.3697

Square

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



29.8981, 29.9617, 46.8552



33.0896, 29.9617, 28.7825



27.1030, 29.9617, 21.6114



24.3156, 29.9617, 36.7912

Rectangle

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



29.8981, 29.9617, 46.8552



32.9492, 29.9617, 37.8865



27.1030, 29.9617, 21.6114



24.4302, 29.9617, 27.8714

Sweetspot

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



29.8990, 29.9629, 46.8559



69.0318, 71.7697, 86.5957



35.1667, 41.1677, 46.5478



15.1223, 15.7005, 19.1557



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.



29.8990, 29.9629, 46.8559



49.3984, 48.7815, 83.1934



31.8255, 30.0485, 46.7708



8.1155, 8.3772, 10.6956



5.9503, 2.7009, 30.3447



0.2117, 0.1339, 0.9629

Inverse Universe

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



33.6801, 31.3361, 31.8783



57.3908, 51.7555, 51.5182



36.6374, 42.2447, 32.2105



8.5335, 8.5201, 9.0418



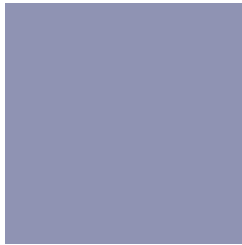
13.2381, 6.8128, 1.1478



0.4289, 0.2193, 0.1011

Previews

White Background



This preview shows how the XYZ color 29.8981, 29.9617, 46.8552 looks on a white background.

Color Contrast Check

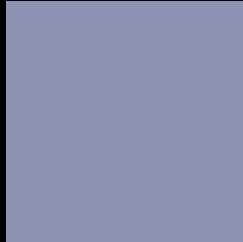
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8981, 29.9617, 46.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

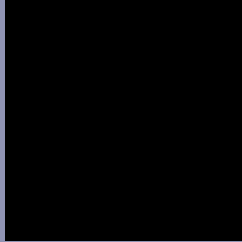
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8981, 29.9617, 46.8552

Background



This preview shows how black text looks on a background with the XYZ color 29.8981, 29.9617, 46.8552.



This preview shows how white text looks on a background with the XYZ color 29.8981, 29.9617,

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

29.8981, 29.9617, 46.8552

Protanopia

29.7257, 29.8729, 46.8472

Deuteranopia

30.4748, 29.8014, 46.7939



Tritanopia

28.2432, 29.9968, 38.4838

Trichromacy



Original Color

29.8981, 29.9617, 46.8552

Protanomaly

29.7257, 29.8729, 46.8472

Deuteranomaly

30.2696, 29.9234, 46.8282

Tritanomaly

28.7998, 29.9848, 41.3155

Monochromacy



Original Color

29.8981, 29.9617, 46.8552

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9677, 29.9209, 37.5063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8981, 29.9617, 46.8552 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(143, 147, 179)` looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 179)  
}
```

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(143, 147, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.8981, 29.9617, 46.8552 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(143, 147, 179) }
```


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

```
.border{ border-color:rgb(143, 147, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 179);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8981, 29.9617, 46.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 179) }
```

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

```
.background{ background-color: rgb(143,  
147, 179) }
```

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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