

Converting Colors

XYZ(29.4855, 29.9091, 41.4115)

Have a look what the booklet for
XYZ(29.4855, 29.9091, 41.4115)
contains.

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Color

**XYZ(29.3557, 29.8056,
41.2516)**

Conversions

Conversions Part 1

Format	Color
Hex	9293A8
RGB	146, 147, 168
RGB Percent	57%, 58%, 66%
CMY	0.4274, 0.4235, 0.3412
CMYK	0.13, 0.12, 0.00, 0.34
HSL	237°, 11%, 62%
HSV	237°, 13%, 66%
XYZ	29.3557, 29.8056, 41.2516
YIQ	149.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

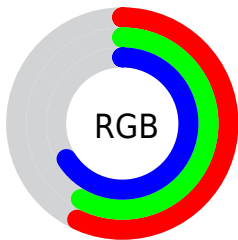
Format	Color
R_{YB}	146, 147, 168
Decimal	9606056
CIE _{Lab}	61.49, 3.99, -11.12
CIE _{LCh}	61, 11.814, 289.717
Yxy	29.8056, 0.2923, 0.2968
Android (android.graphics.Color)	4287796136 (0xFF9293A8)
YUV	149.0950, 9.3202, -2.7143
Hunter-Lab	54.5945, 0.4398, -6.5834

Details

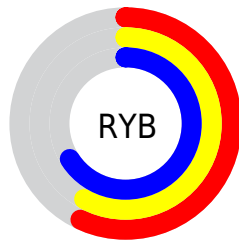
The XYZ color **29.3557, 29.8056, 41.2516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1557, 38.0375, 32.6839**, and the grayscale version is **28.5720, 30.0600, 32.7353**.

A 20% lighter version of the original color is **58.0253, 59.3804, 78.2153**, and **12.1464, 12.2432, 18.2460** is the 20% darker color. If you saturate the color by 10%, you get **24.2639, 23.7342, 40.3485**, and if you desaturate by 10%, it is **35.2357, 36.8009, 42.2924**.

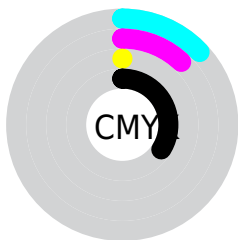
Distribution



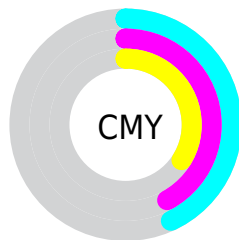
- Red (57%)
- Green (58%)
- Blue (66%)



- Red (57%)
- Yellow (58%)
- Blue (66%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (34%)



- Cyan (43%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3557, 29.8056, 41.2516 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 29.3557, 29.8056, 41.2516 by changing the saturation by 10% instead.

■ 29.3557, 29.8056,
41.2516

■ 29.3557, 29.8056,
41.2516

290.8536,
300.9973, 367.0788

■ 19.4957, 19.6911,
28.1946

■ 58.0354, 59.3546,
78.3235

■ 12.1351, 12.1707,
18.2320

■ 77.5858, 79.5579,
103.1754

■ 6.9086, 6.8600,
10.9456

101.0971,
103.8929, 132.7961

■ 3.4508, 3.3747,
5.9165

128.9345,
132.7440, 167.6040

■ 1.3964, 1.3304,
2.7264

161.4636,
166.4956, 208.0176

■ 0.2537, 0.1645,
0.9567

199.0495,

■ 0.0000, 0.0000,

205.5320, 254.4556

0.0000

242.0577,
250.2378, 307.3365

■ 29.3557, 29.8056,
41.2516

■ 29.3557, 29.8056,
41.2516

■ 24.2639, 23.7342,
40.3485

■ 35.2357, 36.8009,
42.2924

■ 19.9244, 18.5445,
39.5756

■ 41.9327, 44.7526,
43.4742

■ 16.3022, 14.1968,
38.9273

■ 49.4772, 53.6960,
44.8029

■ 13.3587, 10.6465,
38.3971

■ 57.8973, 63.6638,
46.2831

■ 11.0516, 7.8452,
37.9780

■ 67.2200, 74.6869,
47.9194

■ 9.3338, 5.7392,
37.6621

■ 77.4709, 86.7951,
49.7162

■ 8.1518, 4.2676,
37.4403

■ 84.0680, 95.6072,
51.0694

■ 7.4423, 3.3589,
37.3023

■ 7.1510, 2.9932,
37.2471

Harmonies

Analogous

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



27.7960, 29.8056, 41.6831



29.3557, 29.8056, 41.2516



30.6851, 29.8056, 38.3443

Triad

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



29.3557, 29.8056, 41.2516



30.3179, 29.8056, 26.3184



25.4731, 29.8056, 30.9404

Complementary

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



29.3557, 29.8056, 41.2516



35.1557, 38.0375, 32.6839

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.



26.0973, 29.8056, 27.1987



29.3557, 29.8056, 41.2516



28.8694, 29.8056, 24.6976

Square

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



29.3557, 29.8056, 41.2516



31.2546, 29.8056, 29.6344



27.3272, 29.8056, 25.0043



25.5925, 29.8056, 35.4454

Rectangle

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



29.3557, 29.8056, 41.2516



31.2438, 29.8056, 35.5303



27.3272, 29.8056, 25.0043



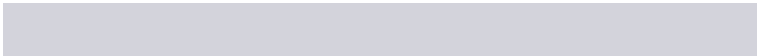
25.6020, 29.8056, 29.5591

Sweetspot

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



29.3566, 29.8068, 41.2523



62.8309, 65.4620, 76.5490



32.8231, 36.9031, 41.9043



13.5162, 14.0561, 16.6528



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3566, 29.8068, 41.2523



50.1625, 50.3844, 74.3064



31.0384, 30.4436, 41.2865



7.1582, 7.3533, 9.4604



5.4105, 2.2811, 28.1306



0.1399, 0.0721, 0.6872

Inverse Universe

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



31.6945, 30.9899, 31.9163



55.3310, 53.0128, 53.6645



33.3117, 37.3604, 32.6504



7.5444, 7.5476, 7.9182



12.2316, 6.3013, 0.7650



0.3018, 0.1550, 0.0407

Previews

White Background



This preview shows how the XYZ color 29.3557, 29.8056, 41.2516 looks on a white background.

Color Contrast Check

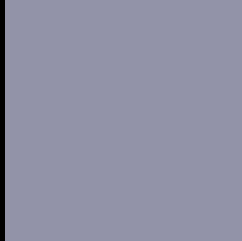
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3557, 29.8056, 41.2516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

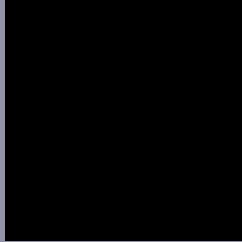
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3557, 29.8056, 41.2516

Background



This preview shows how black text looks on a background with the XYZ color 29.3557, 29.8056, 41.2516.



This preview shows how white text looks on a background with the XYZ color 29.3557, 29.8056,

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

29.3557, 29.8056, 41.2516

Protanopia

29.1787, 29.7143, 41.2433

Deuteranopia

30.3302, 29.8503, 41.2089



Tritanopia

28.6121, 29.7376, 37.4896

Trichromacy



Original Color

29.3557, 29.8056, 41.2516

Protanomaly

29.1787, 29.7143, 41.2433

Deuteranomaly

29.9244, 29.8690, 41.2339

Tritanomaly

28.8778, 29.8439, 38.8888

Monochromacy



Original Color

29.3557, 29.8056, 41.2516

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8034, 29.8760, 35.7010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3557, 29.8056, 41.2516 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(146, 147, 168) looks like.

```
.text, #text, p{  
    color:rgb(146, 147, 168)  
}
```

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(146, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 147, 168) }
```

Border

The CSS property to change the border of an element to XYZ 29.3557, 29.8056, 41.2516 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(146, 147, 168) }
```


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

```
.border{ border-color:rgb(146, 147, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 147, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 147, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 147, 168);  
box-shadow:4px 4px 4px 4px rgb(146, 147,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3557, 29.8056, 41.2516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 147, 168) }
```

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

```
.background{ background-color: rgb(146,  
147, 168) }
```

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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