

Converting Colors

XYZ(28.4030, 28.9425, 43.0818)

Have a look what the booklet for
XYZ(28.4030, 28.9425, 43.0818)
contains.

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Color

**XYZ(28.5405, 29.1118,
43.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	8C92AC
RGB	140, 146, 172
RGB Percent	55%, 57%, 67%
CMY	0.4510, 0.4274, 0.3255
CMYK	0.19, 0.15, 0.00, 0.33
HSL	229°, 16%, 61%
HSV	229°, 19%, 67%
XYZ	28.5405, 29.1118, 43.1446
YIQ	147.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

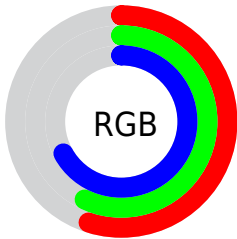
Format	Color
RYB	140, 145, 172
Decimal	9212588
CIELab	60.88, 3.44, -14.35
CIELCh	61, 14.754, 283.482
Yxy	29.1118, 0.2831, 0.2888
Android (android.graphics.Color)	4287402668 (0xFF8C92AC)
YUV	147.1700, 12.2412, -6.2881
Hunter-Lab	53.9554, -0.0016, -9.6416

Details

The XYZ color **28.5405, 29.1118, 43.1446** is a light color, and the websafe version is hex **9999CC**, and the color name is **cool grey**. A complement of this color would be **35.3833, 37.9365, 30.2692**, and the grayscale version is **27.7587, 29.2043, 31.8035**.

A 20% lighter version of the original color is **56.7675, 58.3239, 80.9387**, and **11.6929, 11.8457, 19.4395** is the 20% darker color. If you saturate the color by 10%, you get **23.8417, 23.6854, 42.3453**, and if you desaturate by 10%, it is **33.9574, 35.3008, 44.0542**.

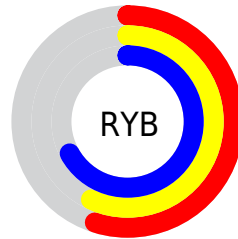
Distribution



Red (55%)

Green (57%)

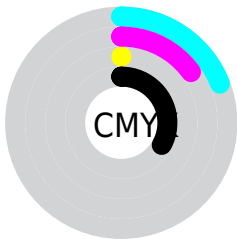
Blue (67%)



Red (55%)

Yellow (57%)

Blue (67%)

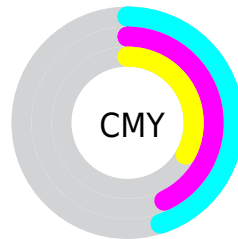


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5405, 29.1118, 43.1446 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 28.5405, 29.1118, 43.1446 by changing the saturation by 10% instead.

■ 28.5405, 29.1118,
43.1446

■ 28.5405, 29.1118,
43.1446

287.0742,
297.7421, 375.1448

■ 18.8760, 19.1654,
29.6663

■ 56.7489, 58.2547,
81.2177

■ 11.6842, 11.7899,
19.3356

■ 76.0234, 78.2199,
106.6497

■ 6.5997, 6.6008,
11.7337

■ 99.2321, 102.2936,
136.9033

■ 3.2571, 3.2137,
6.4423

126.7402,
130.8601, 172.3970

■ 1.2912, 1.2443,
3.0427

158.9131,
164.3038, 213.5495

■ 0.1766, 0.0974,
1.1165

196.1162,

■ 0.0000, 0.0000,

203.0091, 260.7793

0.0000

238.7147,
247.3604, 314.5049

■ 28.5405, 29.1118,
43.1446

■ 28.5405, 29.1118,
43.1446

■ 23.8417, 23.6854,
42.3453

■ 33.9574, 35.3008,
44.0542

■ 19.8280, 18.9882,
41.6502

■ 40.1184, 42.2769,
45.0760

■ 16.4676, 14.9899,
41.0556

■ 47.0514, 50.0679,
46.2144

■ 13.7250, 11.6562,
40.5567

■ 54.7821, 58.6992,
47.4729

■ 11.5615, 8.9501,
40.1484

■ 63.3348, 68.1949,
48.8550

■ 9.9336, 6.8308,
39.8251

■ 72.7331, 78.5785,
50.3639

■ 8.7914, 5.2522,
39.5806

■ 80.9837, 88.8331,
51.9084

■ 8.0546, 4.1502,
39.4067

■ 84.4465, 95.7586,
53.0626

■ 7.9700, 4.0257,
39.3871

Harmonies

Analogous

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



26.6324, 29.1118, 42.9666



28.5405, 29.1118, 43.1446



30.2917, 29.1118, 40.0145

Triad

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



28.5405, 29.1118, 43.1446



30.4390, 29.1118, 24.9581



24.2758, 29.1118, 28.7828

Complementary

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



28.5405, 29.1118, 43.1446



35.3833, 37.9365, 30.2692

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.



25.2039, 29.1118, 24.6215



28.5405, 29.1118, 43.1446



28.7340, 29.1118, 22.5947

Square

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



28.5405, 29.1118, 43.1446



31.4216, 29.1118, 29.2936



26.8172, 29.1118, 22.4791



24.2294, 29.1118, 34.2300

Rectangle

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



28.5405, 29.1118, 43.1446



31.1103, 29.1118, 36.6621



26.8172, 29.1118, 22.4791



24.4930, 29.1118, 27.2031

Sweetspot

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



28.5414, 29.1130, 43.1453



64.2649, 67.0638, 80.3633



32.4146, 37.8195, 41.4763



13.8204, 14.4089, 17.4405



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.5414, 29.1130, 43.1453



48.3963, 48.9233, 77.6981



29.3293, 28.1816, 42.9239



7.6960, 7.9913, 10.0895



5.9618, 3.0574, 29.3204



0.2009, 0.1551, 0.8273

Inverse Universe

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



31.5804, 29.6029, 31.2450



54.8831, 50.0566, 52.2768



34.4684, 39.1224, 30.5463



8.0643, 8.0390, 8.6496



12.8729, 6.6117, 1.7100



0.3758, 0.1910, 0.1407

Previews

White Background



This preview shows how the XYZ color 28.5405, 29.1118, 43.1446 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 28.5405, 29.1118, 43.1446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

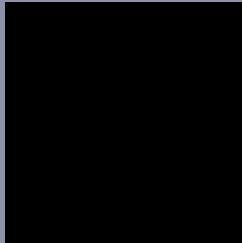
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5405, 29.1118, 43.1446

Background



This preview shows how black text looks on a background with the XYZ color 28.5405, 29.1118, 43.1446.



This preview shows how white text looks on a background with the XYZ color 28.5405, 29.1118,

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

28.5405, 29.1118, 43.1446

Protanopia

28.8806, 29.2871, 43.1605

Deuteranopia

29.7597, 29.0516, 43.5742



Tritanopia

27.4163, 29.1211, 37.4337

Trichromacy



Original Color

28.5405, 29.1118, 43.1446

Protanomaly

28.7098, 29.1990, 43.1525

Deuteranomaly

29.3701, 29.0746, 43.5992

Tritanomaly

27.7820, 29.0367, 39.2623

Monochromacy



Original Color

28.5405, 29.1118, 43.1446

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9361, 29.1970, 35.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5405, 29.1118, 43.1446 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(140, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 172)  
}
```

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(140, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.5405, 29.1118, 43.1446 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(140, 146, 172) }
```


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

```
.border{ border-color:rgb(140, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5405, 29.1118, 43.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 172) }
```

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

```
.background{ background-color: rgb(140,  
146, 172) }
```

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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