

Converting Colors

XYZ(29.5669, 32.0898, 40.8228)

Have a look what the booklet for
XYZ(29.5669, 32.0898, 40.8228)
contains.

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Color

**XYZ(29.5866, 32.1056,
40.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9CA6
RGB	140, 156, 166
RGB Percent	55%, 61%, 65%
CMY	0.4510, 0.3882, 0.3490
CMYK	0.16, 0.06, 0.00, 0.35
HSL	203°, 13%, 60%
HSV	203°, 16%, 65%
XYZ	29.5866, 32.1056, 40.7140
YIQ	152.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

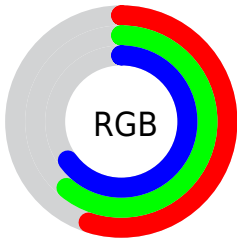
Format	Color
RYB	140, 150, 166
Decimal	9215142
CIELab	63.43, -3.51, -7.14
CIELCh	63, 7.955, 243.820
Yxy	32.1056, 0.2889, 0.3135
Android (android.graphics.Color)	4287405222 (0xFF8C9CA6)
YUV	152.3560, 6.7265, -10.8362
Hunter-Lab	56.6618, -5.9524, -2.9392

Details

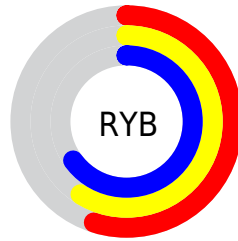
The XYZ color **29.5866, 32.1056, 40.7140** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3660, 31.8129, 29.2988**, and the grayscale version is **29.9754, 31.5364, 34.3432**.

A 20% lighter version of the original color is **58.3459, 62.7830, 77.4498**, and **12.3053, 13.4917, 17.8752** is the 20% darker color. If you saturate the color by 10%, you get **25.9548, 28.6856, 40.2458**, and if you desaturate by 10%, it is **33.6986, 35.8584, 41.2222**.

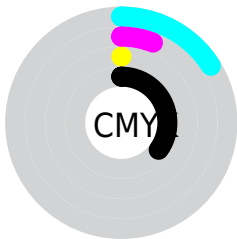
Distribution



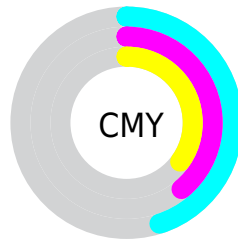
- Red (55%)
- Green (61%)
- Blue (65%)



- Red (55%)
- Yellow (59%)
- Blue (65%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5866, 32.1056, 40.7140 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 29.5866, 32.1056, 40.7140 by changing the saturation by 10% instead.

■ 29.5866, 32.1056,
40.7140

■ 29.5866, 32.1056,
40.7140

291.9173,
311.6000, 364.7650

■ 19.6715, 21.4422,
27.7777

■ 58.3989, 62.9766,
77.4985

■ 12.2634, 13.4476,
17.9205

■ 78.0269, 83.9530,
102.1837

■ 6.9968, 7.7375,
10.7241

■ 101.6232,
109.1358, 131.6223

■ 3.5064, 3.9274,
5.7698

129.5532,
138.9094, 166.2329

■ 1.4269, 1.6331,
2.6391

162.1822,
173.6582, 206.4339

■ 0.2752, 0.3797,
0.9125

199.8757,

■ 0.0000, 0.0000,

213.7667, 252.6439

0.0000

242.9989,
259.6191, 305.2814

■ 29.5866, 32.1056,
40.7140

■ 29.5866, 32.1056,
40.7140

■ 25.9548, 28.6856,
40.2458

■ 33.6986, 35.8584,
41.2222

■ 22.7807, 25.5830,
39.8142

■ 38.3064, 39.9508,
41.7692

■ 20.0440, 22.7869,
39.4188

■ 43.4285, 44.3943,
42.3569

■ 17.7219, 20.2842,
39.0581

■ 49.0814, 49.1987,
42.9863

■ 15.7891, 18.0605,
38.7307

■ 55.2809, 54.3733,
43.6584

■ 14.2175, 16.0999,
38.4351

■ 62.0423, 59.9270,
44.3740

■ 12.9747, 14.3843,
38.1695

■ 68.9363, 65.6398,
45.1133

■ 12.0185, 12.8904,
37.9315

■ 70.4524, 68.6719,
45.6187

■ 11.6512, 12.2895,
37.8349

■ 72.0309, 71.8290,
46.1448

Harmonies

Analogous

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



28.7822, 32.1056, 38.4588



29.5866, 32.1056, 40.7140



30.6573, 32.1056, 41.3945

Triad

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



29.5866, 32.1056, 40.7140



32.6872, 32.1056, 34.5533



29.3468, 32.1056, 30.1371

Complementary

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



29.5866, 32.1056, 40.7140



31.3660, 31.8129, 29.2988

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.



30.3739, 32.1056, 29.2251



29.5866, 32.1056, 40.7140



32.3168, 32.1056, 31.6755

Square

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



29.5866, 32.1056, 40.7140



32.4642, 32.1056, 37.7145



31.4635, 32.1056, 29.7710



28.6462, 32.1056, 32.3383

Rectangle

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



29.5866, 32.1056, 40.7140



31.3825, 32.1056, 40.8315



31.4635, 32.1056, 29.7710



29.6644, 32.1056, 29.6758

Sweetspot

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



29.5875, 32.1069, 40.7147



61.6106, 65.4849, 74.8679



29.9543, 35.0494, 34.0270



13.6674, 14.5464, 16.7395



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.



29.5875, 32.1069, 40.7147



51.1655, 55.9100, 73.5703



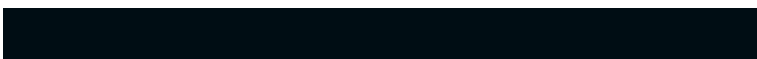
27.5261, 27.9841, 40.0276



7.5017, 8.0402, 9.5749



9.0810, 9.6222, 29.3541



0.2682, 0.3286, 0.7299

Inverse Universe

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



31.1054, 29.2641, 35.4632



54.5142, 49.8078, 61.9463



33.5513, 36.1835, 30.0272



7.7178, 7.6170, 8.8312



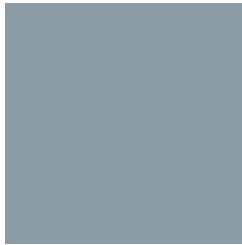
14.0843, 7.0424, 10.5212



0.3665, 0.1809, 0.3815

Previews

White Background



This preview shows how the XYZ color 29.5866, 32.1056, 40.7140 looks on a white background.

Color Contrast Check

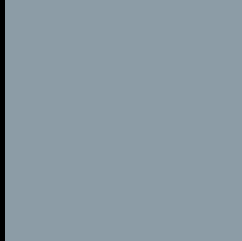
Large Text (above 18pt) WCAG AA × Fail

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 29.5866, 32.1056, 40.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

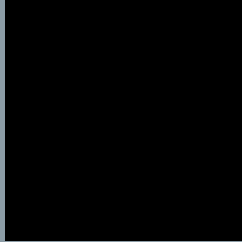
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

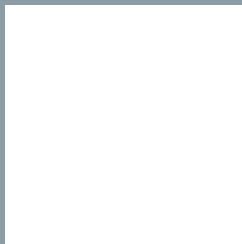
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5866, 32.1056, 40.7140

Background



This preview shows how black text looks on a background with the XYZ color 29.5866, 32.1056, 40.7140.



This preview shows how white text looks on a background with the XYZ color 29.5866, 32.1056,

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

29.5866, 32.1056, 40.7140

Protanopia

31.0659, 31.9091, 39.6437

Deuteranopia

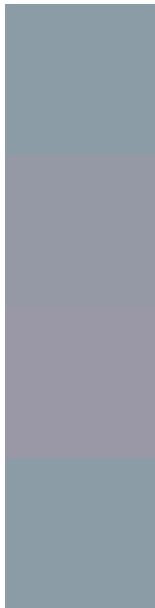
32.6228, 31.9663, 41.0099



Tritanopia

29.7716, 32.1795, 41.6879

Trichromacy



Original Color

29.5866, 32.1056, 40.7140

Protanomaly

30.3955, 31.7950, 40.1323

Deuteranomaly

31.5297, 32.1165, 41.0965

Tritanomaly

29.6787, 32.1424, 41.1991

Monochromacy



Original Color

29.5866, 32.1056, 40.7140

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6898, 31.5127, 36.4160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5866, 32.1056, 40.7140 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, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 166)  
}
```

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, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.5866, 32.1056, 40.7140 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, 156, 166) }
```


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

```
.border{ border-color:rgb(140, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5866, 32.1056, 40.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 166) }
```

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

```
.background{ background-color: rgb(140,  
156, 166) }
```

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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