

Converting Colors

XYZ(31.9141, 28.7945, 52.4051)

Have a look what the booklet for
XYZ(31.9141, 28.7945, 52.4051)
contains.

XYZ(32.0930, 28.9626, 52.6140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0930, 28.9626,
52.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8ABE
RGB	156, 138, 190
RGB Percent	61%, 54%, 75%
CMY	0.3882, 0.4588, 0.2549
CMYK	0.18, 0.27, 0.00, 0.25
HSL	261°, 29%, 64%
HSV	261°, 27%, 75%
XYZ	32.0930, 28.9626, 52.6140
YIQ	149.3100, -5.9640, 19.9880

Conversions

Conversions Part 2

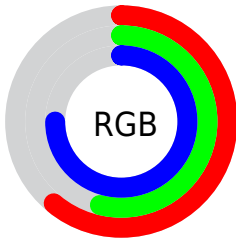
Format	Color
R _Y B	156, 138, 190
Decimal	10259134
CIE Lab	60.75, 17.36, -24.62
CIE LCh	61, 30.123, 305.189
Yxy	28.9626, 0.2823, 0.2548
Android (android.graphics.Color)	4288449214 (0xFF9C8ABE)
YUV	149.3100, 20.0602, 5.8671
Hunter-Lab	53.8169, 12.2665, -20.2929

Details

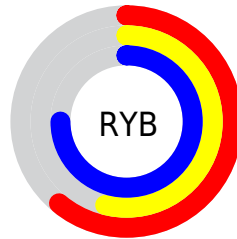
The XYZ color **32.0930, 28.9626, 52.6140** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0151, 47.4333, 31.0926**, and the grayscale version is **28.6183, 30.1087, 32.7883**.

A 20% lighter version of the original color is **62.3482, 58.2020, 95.1368**, and **13.6426, 11.7001, 24.8319** is the 20% darker color. If you saturate the color by 10%, you get **27.3196, 22.8036, 51.6772**, and if you desaturate by 10%, it is **37.5910, 36.2045, 53.7225**.

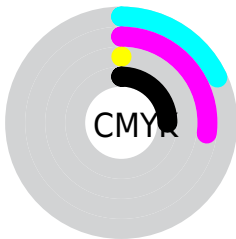
Distribution



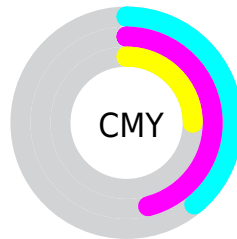
- Red (61%)
- Green (54%)
- Blue (75%)



- Red (61%)
- Yellow (54%)
- Blue (75%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0930, 28.9626, 52.6140 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 32.0930, 28.9626, 52.6140 by changing the saturation by 10% instead.

■ 32.0930, 28.9626,
52.6140

■ 32.0930, 28.9626,
52.6140

303.2804,
297.0385, 413.8266

■ 21.5884, 19.0525,
37.1091

■ 62.3211, 58.0177,
95.4719

■ 13.6697, 11.7082,
24.9955

■ 82.7753, 77.9314,
123.6620

■ 7.9715, 6.5453,
15.8547

■ 107.2767,
101.9486, 156.9176

■ 4.1283, 3.1794,
9.2682

136.1908,
130.4535, 195.6572

■ 1.7750, 1.2261,
4.8173

169.8829,
163.8305, 240.2994

■ 0.5025, 0.0829,
2.0836

208.7183,

■ 0.0000, 0.0000,

202.4641, 291.2626

0.6060

253.0623,
246.7386, 348.9655

■ 0.0000, 0.0000,
0.0000

■ 32.0930, 28.9626,
52.6140

■ 32.0930, 28.9626,
52.6140

■ 27.3196, 22.8036,
51.6772

■ 37.5910, 36.2045,
53.7225

■ 23.2359, 17.6704,
50.9017

■ 43.8410, 44.5753,
55.0088

■ 19.8079, 13.5060,
50.2785

■ 50.8720, 54.1229,
56.4811

■ 16.9977, 10.2464,
49.7975

■ 58.7110, 64.8911,
58.1464

■ 14.7626, 7.8193,
49.4468

■ 67.3834, 76.9215,
60.0115

■ 13.0540, 6.1409,
49.2129

■ 76.9135, 90.2539,
62.0826

■ 11.8055, 5.0929,
49.0764

■ 82.0047, 94.2863,
62.5926

■ 11.5254, 4.8679,
49.0478

■ 86.2943, 96.4977,
62.7933

Harmonies

Analogous

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



28.2138, 28.9626, 58.2138



32.0930, 28.9626, 52.6140



34.9336, 28.9626, 41.4636

Triad

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



32.0930, 28.9626, 52.6140



30.8058, 28.9626, 15.7478



20.6976, 28.9626, 33.5234

Complementary

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



32.0930, 28.9626, 52.6140



40.0151, 47.4333, 31.0926

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.



21.2509, 28.9626, 23.3337



32.0930, 28.9626, 52.6140



26.8536, 28.9626, 14.5821

Square

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



32.0930, 28.9626, 52.6140



34.1425, 28.9626, 20.6813



23.4180, 28.9626, 17.0059



21.8283, 28.9626, 45.6456

Rectangle

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



32.0930, 28.9626, 52.6140



35.7221, 28.9626, 33.3764



23.4180, 28.9626, 17.0059



20.6940, 28.9626, 29.7632

Sweetspot

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



32.0939, 28.9638, 52.6147



78.5325, 79.5453, 99.4938



34.6562, 38.8814, 54.3939



16.8496, 16.9351, 21.7660



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.0939, 28.9638, 52.6147



52.6713, 45.3758, 94.2615



37.5179, 31.7599, 52.8685



9.3196, 9.3816, 11.9918



7.7406, 3.2765, 32.6174



0.3748, 0.1652, 1.2810

Inverse Universe

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



37.7710, 32.1039, 43.2369



64.8664, 52.1298, 73.7276



34.9748, 44.8349, 30.8567



9.7858, 9.6386, 11.2613



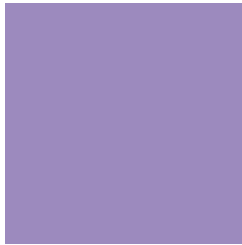
16.5873, 8.2661, 13.6524



0.6794, 0.3357, 0.6912

Previews

White Background



This preview shows how the XYZ color 32.0930, 28.9626, 52.6140 looks on a white background.

Color Contrast Check

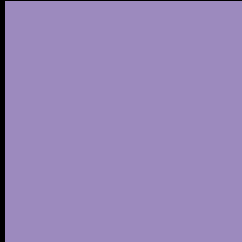
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0930, 28.9626, 52.6140 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 32.0930, 28.9626, 52.6140

Background



This preview shows how black text looks on a background with the XYZ color 32.0930, 28.9626, 52.6140.



This preview shows how white text looks on a background with the XYZ color 32.0930, 28.9626,

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

32.0930, 28.9626, 52.6140

Protanopia

29.6486, 29.1775, 55.6989

Deuteranopia

29.6398, 29.0239, 52.1841



Tritanopia

28.5517, 28.8308, 35.5126

Trichromacy



Original Color

32.0930, 28.9626, 52.6140

Protanomaly

30.2831, 28.8590, 54.4263

Deuteranomaly

30.5354, 29.0399, 52.1400

Tritanomaly

29.6898, 28.8486, 41.0493

Monochromacy



Original Color

32.0930, 28.9626, 52.6140

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7751, 29.6065, 39.2673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0930, 28.9626, 52.6140 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(156, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 190)  
}
```

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(156, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 190) }
```

Border

The CSS property to change the border of an element to XYZ 32.0930, 28.9626, 52.6140 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(156, 138, 190) }
```


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

```
.border{ border-color:rgb(156, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0930, 28.9626, 52.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 190) }
```

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

```
.background{ background-color: rgb(156,  
138, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor