

Converting Colors

XYZ(32.3354, 29.5798, 62.8319)

Have a look what the booklet for
XYZ(32.3354, 29.5798, 62.8319)
contains.

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Color

**XYZ(32.2890, 29.4840,
63.0207)**

Conversions

Conversions Part 1

Format	Color
Hex	908DCF
RGB	144, 141, 207
RGB Percent	56%, 55%, 81%
CMY	0.4353, 0.4470, 0.1882
CMYK	0.30, 0.32, 0.00, 0.19
HSL	243°, 41%, 68%
HSV	243°, 32%, 81%
XYZ	32.2890, 29.4840, 63.0207
YIQ	149.4210, -19.3980, 21.1620

Conversions

Conversions Part 2

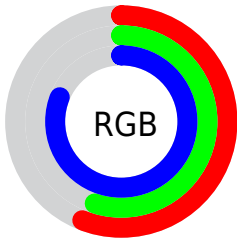
Format	Color
RYB	144, 141, 207
Decimal	9473487
CIELab	61.21, 16.09, -33.56
CIElCh	61, 37.220, 295.619
Yxy	29.4840, 0.2587, 0.2363
Android (android.graphics.Color)	4287663567 (0xFF908DCF)
YUV	149.4210, 28.3864, -4.7542
Hunter-Lab	54.2992, 11.1215, -30.8037

Details

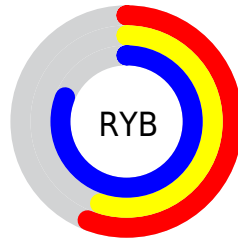
The XYZ color **32.2890, 29.4840, 63.0207** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0229, 59.3866, 33.9212**, and the grayscale version is **28.6351, 30.1264, 32.8076**.

A 20% lighter version of the original color is **61.1183, 58.3923, 102.6573**, and **13.7230, 11.9733, 31.2936** is the 20% darker color. If you saturate the color by 10%, you get **26.3630, 22.3142, 61.9496**, and if you desaturate by 10%, it is **39.3914, 38.1083, 64.3115**.

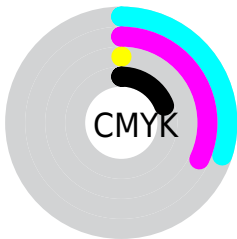
Distribution



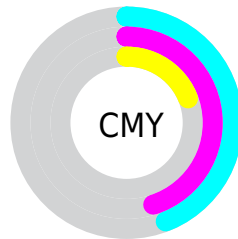
- Red (56%)
- Green (55%)
- Blue (81%)



- Red (56%)
- Yellow (55%)
- Blue (81%)



- Cyan (30%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2890, 29.4840, 63.0207 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 32.2890, 29.4840, 63.0207 by changing the saturation by 10% instead.

■ 32.2890, 29.4840,
63.0207

■ 32.2890, 29.4840,
63.0207

304.1556,
299.4918, 453.7546

■ 21.7390, 19.4473,
45.4168

■ 62.6260, 58.8452,
110.7852

■ 13.7807, 11.9939,
31.4406

■ 83.1437, 78.9384,
141.7830

■ 8.0490, 6.7395,
20.6733

■ 107.7146,
103.1526, 178.0825

■ 4.1784, 3.2997,
12.6965

136.7042,
131.8722, 220.1022

■ 1.8035, 1.2902,
7.0916

170.4777,
165.4815, 268.2608

■ 0.5198, 0.1336,
3.4401

209.4005,

■ 0.0000, 0.0000,

204.3649, 322.9767

1.3235

253.8380,
248.9069, 384.6684

■ 0.0000, 0.0000,
0.0810

■ 0.0000, 0.0000,
0.0000

■ 32.2890, 29.4840,
63.0207

■ 32.2890, 29.4840,
63.0207

■ 26.3630, 22.3142,
61.9496

■ 39.3914, 38.1083,
64.3115

■ 21.5472, 16.5155,
61.0842

■ 47.7258, 48.2575,
65.8313

■ 17.7731, 12.0014,
60.4118

■ 57.3478, 60.0014,
67.5909

■ 14.9637, 8.6743,
59.9177

■ 68.3088, 73.4047,
69.6003

■ 13.0313, 6.4223,
59.5849

■ 80.6573, 88.5283,
71.8686

■ 11.8721, 5.1123,
59.3931

■ 88.2626, 97.2850,
73.1580

■ 11.3804, 4.5658,
59.3135

Harmonies

Analogous

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



27.3115, 29.4840, 67.1342



32.2890, 29.4840, 63.0207



36.5220, 29.4840, 49.8370

Triad

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



32.2890, 29.4840, 63.0207



33.6757, 29.4840, 14.6128



19.6550, 29.4840, 30.0896

Complementary

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



32.2890, 29.4840, 63.0207



52.0229, 59.3866, 33.9212

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.



20.9578, 29.4840, 19.1712



32.2890, 29.4840, 63.0207



28.7481, 29.4840, 12.0429

Square

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



32.2890, 29.4840, 63.0207



37.3858, 29.4840, 21.8105



24.1515, 29.4840, 13.4290



20.3716, 29.4840, 45.2109

Rectangle

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



32.2890, 29.4840, 63.0207



38.1541, 29.4840, 39.2666



24.1515, 29.4840, 13.4290



19.8667, 29.4840, 25.8685

Sweetspot

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



32.2900, 29.4851, 63.0214



79.0530, 80.4680, 105.9731



44.0313, 53.7355, 67.0833



16.4763, 16.6817, 22.6014



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.2900, 29.4851, 63.0214



45.2971, 39.4423, 99.8334



38.7380, 32.8092, 63.3231



11.2127, 11.4430, 14.8614



7.1917, 2.8877, 37.3708



0.4200, 0.1707, 2.0904

Inverse Universe

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



46.1567, 36.6757, 61.7733



70.8326, 52.6873, 97.3683



44.0907, 55.2975, 33.5500



12.2866, 11.9994, 14.7851



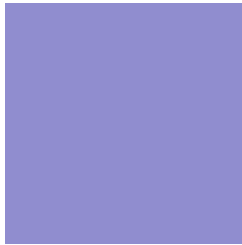
22.6144, 10.9186, 34.4713



1.2718, 0.6134, 1.9661

Previews

White Background



This preview shows how the XYZ color 32.2890, 29.4840, 63.0207 looks on a white background.

Color Contrast Check

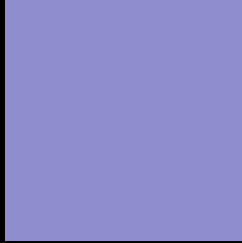
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2890, 29.4840, 63.0207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

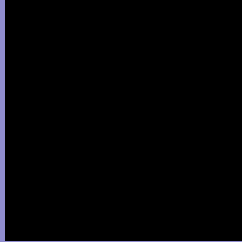
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2890, 29.4840, 63.0207

Background



This preview shows how black text looks on a background with the XYZ color 32.2890, 29.4840, 63.0207.



This preview shows how white text looks on a background with the XYZ color 32.2890, 29.4840,

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

32.2890, 29.4840, 63.0207

Protanopia

30.6357, 29.4660, 65.7008

Deuteranopia

30.3215, 29.6032, 62.5084



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

32.2890, 29.4840, 63.0207

Protanomaly

31.2790, 29.5862, 65.0349

Deuteranomaly

30.9454, 29.4711, 62.4500

Tritanomaly

28.9508, 29.4851, 46.2848

Monochromacy



Original Color

32.2890, 29.4840, 63.0207

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5672, 29.6631, 42.1974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2890, 29.4840, 63.0207 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(144, 141, 207)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 207)  
}
```

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(144, 141, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 207) }
```

Border

The CSS property to change the border of an element to XYZ 32.2890, 29.4840, 63.0207 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(144, 141, 207) }
```


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

```
.border{ border-color:rgb(144, 141, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 141, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 207);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2890, 29.4840, 63.0207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 207) }
```

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

```
.background{ background-color: rgb(144,  
141, 207) }
```

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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