

Converting Colors

XYZ(32.7637, 26.2135, 62.5698)

Have a look what the booklet for
XYZ(32.7637, 26.2135, 62.5698)
contains.

XYZ(32.7682, 26.2912, 62.3791)	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(32.7682, 26.2912,
62.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7CCF
RGB	159, 124, 207
RGB Percent	62%, 49%, 81%
CMY	0.3765, 0.5137, 0.1882
CMYK	0.23, 0.40, 0.00, 0.19
HSL	265°, 46%, 65%
HSV	265°, 40%, 81%
XYZ	32.7682, 26.2912, 62.3791
YIQ	143.9270, -5.7830, 33.2330

Conversions

Conversions Part 2

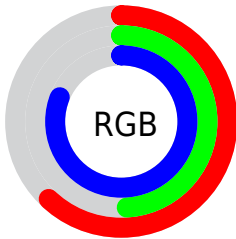
Format	Color
R_{YB}	159, 124, 207
Decimal	10452175
CIE _{Lab}	58.31, 30.28, -37.98
CIE _{LCh}	58, 48.578, 308.566
Yxy	26.2912, 0.2698, 0.2165
Android (android.graphics.Color)	4288642255 (0xFF9F7CCF)
YUV	143.9270, 31.0950, 13.2190
Hunter-Lab	51.2749, 24.3426, -36.2374

Details

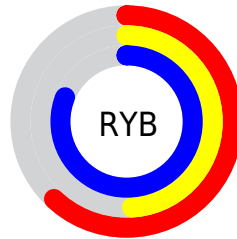
The XYZ color **32.7682, 26.2912, 62.3791** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **42.9648, 54.8521, 27.3928**, and the grayscale version is **26.3612, 27.7340, 30.2024**.

A 20% lighter version of the original color is **61.7965, 53.1114, 101.6022**, and **14.0601, 10.2287, 30.9391** is the 20% darker color. If you saturate the color by 10%, you get **28.1813, 20.4718, 61.4981**, and if you desaturate by 10%, it is **38.1314, 33.3201, 63.4536**.

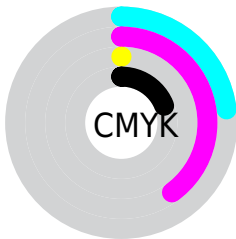
Distribution



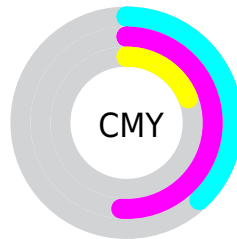
- Red (62%)
- Green (49%)
- Blue (81%)



- Red (62%)
- Yellow (49%)
- Blue (81%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7682, 26.2912, 62.3791 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 32.7682, 26.2912, 62.3791 by changing the saturation by 10% instead.

■ 32.7682, 26.2912,
62.3791

■ 32.7682, 26.2912,
62.3791

306.2874,
284.2086, 451.3583

■ 22.1073, 17.0416,
44.9013

■ 63.3706, 53.7444,
109.8502

■ 14.0528, 10.2642,
31.0373

■ 84.0428, 72.7167,
140.6805

■ 8.2394, 5.5745,
20.3686

■ 108.7828, 95.6988,
176.7988

■ 4.3016, 2.5881,
12.4765

137.9559,
123.0750, 218.6236

■ 1.8741, 0.9207,
6.9426

171.9276,
155.2296, 266.5734

■ 0.5617, 0.0000,
3.3483

211.0632,

■ 0.0000, 0.0000,

192.5472, 321.0668

1.2751

255.7280,
235.4121, 382.5222

■ 0.0000, 0.0000,
0.0413

■ 0.0000, 0.0000,
0.0000

■ 32.7682, 26.2912,
62.3791

■ 32.7682, 26.2912,
62.3791

■ 28.1813, 20.4718,
61.4981

■ 38.1314, 33.3201,
63.4536

■ 24.3269, 15.7868,
60.7969

■ 44.3058, 41.6214,
64.7305


■ 21.1611, 12.1573,
60.2632


■ 51.3270, 51.2572,
66.2203


■ 18.6330, 9.4922,
59.8820


■ 59.2282, 62.2844,
67.9324


 16.6834, 7.6842,
59.6358


 68.0401, 74.7569,
69.8753

 15.2202, 6.5453,
59.4931

 77.7922, 88.7253,
72.0575

 83.9156, 95.0441,
72.9544

 88.1782, 97.2415,
73.1539

 88.2626, 97.2850,
73.1579

Harmonies

Analogous

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



26.7211, 26.2912, 74.4049



32.7682, 26.2912, 62.3791



37.1365, 26.2912, 42.2500

Triad

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



32.7682, 26.2912, 62.3791



29.3782, 26.2912, 7.7559



15.3481, 26.2912, 33.7558

Complementary

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



32.7682, 26.2912, 62.3791



42.9648, 54.8521, 27.3928

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.



15.8296, 26.2912, 18.3004



32.7682, 26.2912, 62.3791



23.3334, 26.2912, 6.9917

Square

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



32.7682, 26.2912, 62.3791



34.9744, 26.2912, 12.7474



18.5501, 26.2912, 9.9690



17.1118, 26.2912, 54.1021

Rectangle

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



32.7682, 26.2912, 62.3791



38.1652, 26.2912, 29.4491



18.5501, 26.2912, 9.9690



15.2592, 26.2912, 27.8197

Sweetspot

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



32.7691, 26.2922, 62.3797



79.8399, 78.8034, 105.6103



34.4074, 38.4549, 64.6410



16.7616, 16.4161, 22.5351



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.



32.7691, 26.2922, 62.3797



46.2016, 34.1027, 98.7551



42.3125, 31.2120, 62.8263



11.6294, 11.6578, 14.8809



9.6923, 4.1768, 37.4879



0.6316, 0.2798, 2.1003

Inverse Universe

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



40.3868, 30.6601, 42.8197



60.3983, 42.2559, 61.7136



35.2989, 50.9001, 27.0340



12.0912, 11.9212, 13.7562



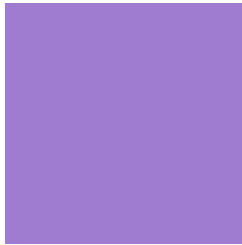
18.3855, 9.2270, 12.2019



1.0672, 0.5316, 0.8886

Previews

White Background



This preview shows how the XYZ color 32.7682, 26.2912, 62.3791 looks on a white background.

Color Contrast Check

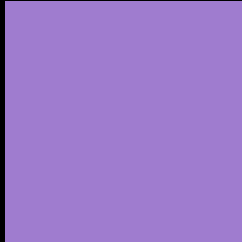
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7682, 26.2912, 62.3791 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 32.7682, 26.2912, 62.3791

Background



This preview shows how black text looks on a background with the XYZ color 32.7682, 26.2912, 62.3791.



This preview shows how white text looks on a background with the XYZ color 32.7682, 26.2912,

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

32.7682, 26.2912, 62.3791

Protanopia

28.4302, 26.6709, 70.6674

Deuteranopia

27.0711, 26.4023, 60.7961



Tritanopia

26.4249, 26.2938, 31.2862

Trichromacy



Original Color

32.7682, 26.2912, 62.3791

Protanomaly

29.5554, 26.2705, 67.8030

Deuteranomaly

28.7505, 26.2038, 61.3001

Tritanomaly

28.3616, 26.0425, 41.0680

Monochromacy



Original Color

32.7682, 26.2912, 62.3791

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3151, 27.0709, 40.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7682, 26.2912, 62.3791 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(159, 124, 207)` looks like.

```
.text, #text, p{  
    color:rgb(159, 124, 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(159, 124, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 124, 207) }
```

Border

The CSS property to change the border of an element to XYZ 32.7682, 26.2912, 62.3791 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(159, 124, 207) }
```


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

```
.border{ border-color:rgb(159, 124, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 124, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 124, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 124, 207);  
box-shadow:4px 4px 4px 4px rgb(159, 124,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7682, 26.2912, 62.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 124, 207) }
```

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

```
.background{ background-color: rgb(159,  
124, 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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