

Converting Colors

XYZ(32.2735, 28.2676, 59.6323)

Have a look what the booklet for
XYZ(32.2735, 28.2676, 59.6323)
contains.

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Color

**XYZ(32.2735, 28.2676,
59.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	9887CA
RGB	152, 135, 202
RGB Percent	60%, 53%, 79%
CMY	0.4039, 0.4706, 0.2078
CMYK	0.25, 0.33, 0.00, 0.21
HSL	255°, 39%, 66%
HSV	255°, 33%, 79%
XYZ	32.2735, 28.2676, 59.6323
YIQ	147.7210, -11.3750, 24.4410

Conversions

Conversions Part 2

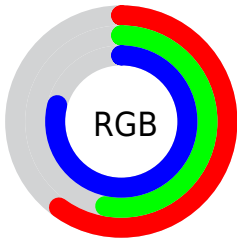
Format	Color
R _Y B	152, 135, 202
Decimal	9996234
CIE Lab	60.13, 20.68, -32.37
CIE LCh	60, 38.415, 302.567
Yxy	28.2676, 0.2686, 0.2352
Android (android.graphics.Color)	4288186314 (0xFF9887CA)
YUV	147.7210, 26.7595, 3.7527
Hunter-Lab	53.1673, 15.3100, -29.2824

Details

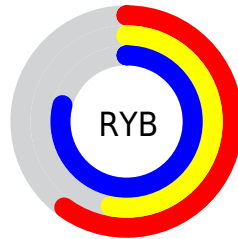
The XYZ color **32.2735, 28.2676, 59.6323** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5021, 54.3053, 31.0066**, and the grayscale version is **27.9285, 29.3830, 31.9981**.

A 20% lighter version of the original color is **61.7653, 56.4518, 102.2487**, and **13.7394, 11.2878, 29.4716** is the 20% darker color. If you saturate the color by 10%, you get **27.0737, 21.7931, 58.6571**, and if you desaturate by 10%, it is **38.3686, 35.9985, 60.8038**.

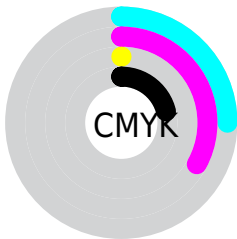
Distribution



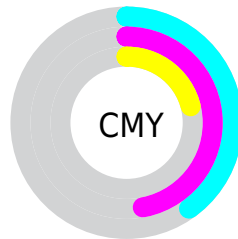
- Red (60%)
- Green (53%)
- Blue (79%)



- Red (60%)
- Yellow (53%)
- Blue (79%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2735, 28.2676, 59.6323 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 32.2735, 28.2676, 59.6323 by changing the saturation by 10% instead.

■ 32.2735, 28.2676,
59.6323

■ 32.2735, 28.2676,
59.6323

304.0865,
293.7434, 441.0081

■ 21.7270, 18.5275,
42.6990

■ 62.6019, 56.9114,
105.8342

■ 13.7720, 11.3293,
29.3193

■ 83.1146, 76.5839,
135.9399

■ 8.0429, 6.2888,
19.0749

■ 107.6800,
100.3359, 171.2735

■ 4.1744, 3.0215,
11.5470

136.6636,
128.5519, 212.2534

■ 1.8013, 1.1430,
6.3173

170.4307,
161.6162, 259.2983

■ 0.5184, 0.0144,
2.9671

209.3466,

■ 0.0000, 0.0000,

199.9133, 312.8267

1.0778

253.7768,
243.8276, 373.2571

■ 0.0000, 0.0000,
0.0000

■ 32.2735, 28.2676,
59.6323

■ 32.2735, 28.2676,
59.6323

■ 27.0737, 21.7931,
58.6571

■ 38.3686, 35.9985,
60.8038

■ 22.7225, 16.5042,
57.8656

■ 45.3966, 45.0450,
62.1795

■ 19.1733, 12.3279,
57.2466

■ 53.3966, 55.4663,
63.7694

■ 16.3734, 9.1816,
56.7868

■ 62.4046, 67.3172,
65.5820

■ 14.2635, 6.9709,
56.4713

■ 72.4545, 80.6493,
67.6257

■ 12.7739, 5.5829,
56.2819

■ 83.1936, 94.7414,
69.7797

■ 12.0388, 4.9747,
56.2033

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



27.2923, 28.2676, 66.4375



32.2735, 28.2676, 59.6323



36.1426, 28.2676, 44.9829

Triad

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



32.2735, 28.2676, 59.6323



31.4534, 28.2676, 12.4845



18.5005, 28.2676, 32.0049

Complementary

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



32.2735, 28.2676, 59.6323



45.5021, 54.3053, 31.0066

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.



19.3327, 28.2676, 19.9318



32.2735, 28.2676, 59.6323



26.4471, 28.2676, 10.9059

Square

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



32.2735, 28.2676, 59.6323



35.6301, 28.2676, 18.4034



22.1016, 28.2676, 13.1596



19.6741, 28.2676, 47.7370

Rectangle

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



32.2735, 28.2676, 59.6323



37.3523, 28.2676, 34.4086



22.1016, 28.2676, 13.1596



18.5550, 28.2676, 27.4133

Sweetspot

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



32.2745, 28.2687, 59.6329



80.7900, 81.3635, 106.0544



38.0545, 44.2186, 62.4070



16.8931, 16.8965, 22.6209



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.



32.2745, 28.2687, 59.6329



48.0040, 39.5719, 99.7158



39.3934, 31.9387, 59.9661



10.8641, 10.9792, 14.1170



7.8171, 3.2374, 36.1691



0.4754, 0.2042, 1.8693

Inverse Universe

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



41.7789, 33.3883, 50.1424



66.7908, 49.7063, 80.2905



38.3967, 50.6423, 30.6740



11.5612, 11.3532, 13.4900



19.2923, 9.5275, 19.7899



1.0248, 0.5033, 1.1762

Previews

White Background



This preview shows how the XYZ color 32.2735, 28.2676, 59.6323 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 32.2735, 28.2676, 59.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

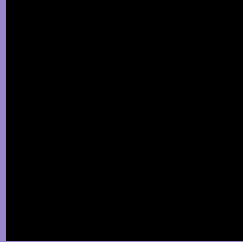
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2735, 28.2676, 59.6323

Background



This preview shows how black text looks on a background with the XYZ color 32.2735, 28.2676, 59.6323.



This preview shows how white text looks on a background with the XYZ color 32.2735, 28.2676,

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

32.2735, 28.2676, 59.6323

Protanopia

29.5198, 28.4841, 63.6166

Deuteranopia

29.0002, 28.3271, 58.5828



Tritanopia

27.3017, 28.1865, 35.4541

Trichromacy



Original Color

32.2735, 28.2676, 59.6323

Protanomaly

30.3502, 28.2807, 62.2516

Deuteranomaly

30.0740, 28.2075, 59.1179

Tritanomaly

28.9218, 28.1779, 43.4497

Monochromacy



Original Color

32.2735, 28.2676, 59.6323

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2848, 28.8616, 41.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2735, 28.2676, 59.6323 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(152, 135, 202)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 202)  
}
```

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(152, 135, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 202) }
```

Border

The CSS property to change the border of an element to XYZ 32.2735, 28.2676, 59.6323 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(152, 135, 202) }
```


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

```
.border{ border-color:rgb(152, 135, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 202);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2735, 28.2676, 59.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 202) }
```

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

```
.background{ background-color: rgb(152,  
135, 202) }
```

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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