

Converting Colors

XYZ(32.2818, 22.4753, 33.3259)

Have a look what the booklet for
XYZ(32.2818, 22.4753, 33.3259)
contains.

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Color

**XYZ(32.1927, 22.4059,
33.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	C1629A
RGB	193, 98, 154
RGB Percent	76%, 38%, 60%
CMY	0.2431, 0.6157, 0.3961
CMYK	0.00, 0.49, 0.20, 0.24
HSL	325°, 43%, 57%
HSV	325°, 49%, 76%
XYZ	32.1927, 22.4059, 33.1999
YIQ	132.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

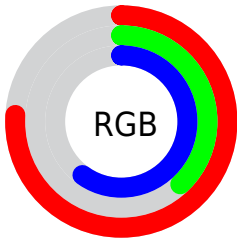
Format	Color
R _Y B	193, 98, 154
Decimal	12673690
CIE Lab	54.46, 44.85, -13.14
CIE LCh	54, 46.732, 343.670
Yxy	22.4059, 0.3667, 0.2552
Android (android.graphics.Color)	4290863770 (0xFFC1629A)
YUV	132.7890, 10.4570, 52.8050
Hunter-Lab	47.3349, 38.5628, -8.4506

Details

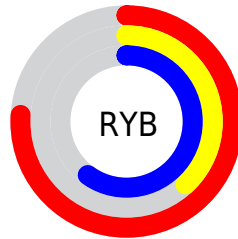
The XYZ color **32.1927, 22.4059, 33.1999** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **28.6233, 42.5433, 30.3719**, and the grayscale version is **22.1717, 23.3264, 25.4024**.

A 20% lighter version of the original color is **62.2354, 47.1965, 65.5042**, and **13.7417, 8.2516, 13.7004** is the 20% darker color. If you saturate the color by 10%, you get **29.9615, 18.9648, 29.3070**, and if you desaturate by 10%, it is **34.9042, 26.7373, 37.4683**.

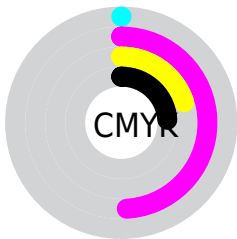
Distribution



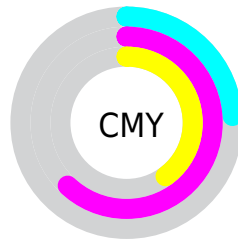
- Red (76%)
- Green (38%)
- Blue (60%)



- Red (76%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1927, 22.4059, 33.1999 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 32.1927, 22.4059, 33.1999 by changing the saturation by 10% instead.

 32.1927, 22.4059,
33.1999


 32.1927, 22.4059,
33.1999


303.7258,
264.6587, 331.2091

 21.6650, 14.1555,
22.0073


 62.4762, 47.4160,
65.8071


 13.7262, 8.2289,
13.6639


 82.9627, 64.9443,
88.0587

 8.0109, 4.2417,
7.7512


 107.4996, 86.3342,
114.8338

 4.1538, 1.8097,
3.8507

 136.4521,
111.9698, 146.5508

 1.7895, 0.4932,
1.5438

170.1856,
142.2357, 183.6283

 0.5113, 0.0000,
0.2502

209.0655,

 0.0000, 0.0000,

177.5162, 226.4848

0.0000

253.4571,
218.1958, 275.5389

■ 32.1927, 22.4059,
33.1999

■ 32.1927, 22.4059,
33.1999

■ 29.9615, 18.9648,
29.3070

■ 34.9042, 26.7373,
37.4683

■ 28.1759, 16.3467,
25.7733

■ 38.1234, 32.0134,
42.1246

■ 26.7995, 14.4801,
22.5826


■ 41.8779, 38.2879,
47.1822


■ 25.7889, 13.2795,
19.7161


■ 46.1929, 45.6097,
52.6533


■ 25.0679, 12.5938,
17.1438


■ 51.0917, 54.0244,
58.5494

 25.0163, 12.5471,
16.9529

 56.5963, 63.5749,
64.8813

 62.7275, 74.3017,
71.6597

 69.5054, 86.2434,
78.8944

 71.3857, 88.3108,
84.7411

Harmonies

Analogous

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



28.8316, 22.4059, 50.9552



32.1927, 22.4059, 33.1999



32.3485, 22.4059, 18.3286

Triad

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



32.1927, 22.4059, 33.1999



19.0561, 22.4059, 5.9902



14.9471, 22.4059, 49.4602

Complementary

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



32.1927, 22.4059, 33.1999



28.6233, 42.5433, 30.3719

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.



13.1005, 22.4059, 31.6738



32.1927, 22.4059, 33.1999



15.2033, 22.4059, 9.1717

Square

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



32.1927, 22.4059, 33.1999



24.1817, 22.4059, 6.1238



13.1861, 22.4059, 17.3051



18.6498, 22.4059, 62.6197

Rectangle

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



32.1927, 22.4059, 33.1999



30.5707, 22.4059, 11.8788



13.1861, 22.4059, 17.3051



14.1172, 22.4059, 43.5725

Sweetspot

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



32.1934, 22.4070, 33.2003



77.9607, 73.5702, 88.3187



24.1477, 17.8212, 52.6194



16.3827, 15.2038, 18.5078



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.



32.1934, 22.4070, 33.2003



53.4105, 33.5889, 52.0226



29.0411, 21.1461, 16.6005



10.3167, 10.1753, 11.7581



16.6793, 8.3615, 11.4890



0.7542, 0.3747, 0.6731

Inverse Universe

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



32.1934, 22.4070, 33.2003



53.4105, 33.5889, 52.0226



32.7071, 44.1768, 51.8767



10.3167, 10.1753, 11.7581



16.6793, 8.3615, 11.4890



0.7542, 0.3747, 0.6731

Previews

White Background



This preview shows how the XYZ color 32.1927, 22.4059, 33.1999 looks on a white background.

Color Contrast Check

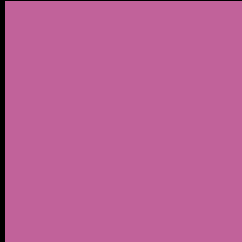
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1927, 22.4059, 33.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

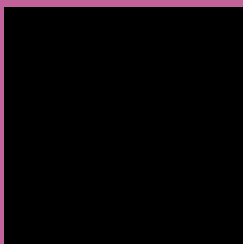
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1927, 22.4059, 33.1999

Background



This preview shows how black text looks on a background with the XYZ color 32.1927, 22.4059, 33.1999.



This preview shows how white text looks on a background with the XYZ color 32.1927, 22.4059,

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

32.1927, 22.4059, 33.1999

Protanopia

23.1579, 22.6867, 44.2327

Deuteranopia

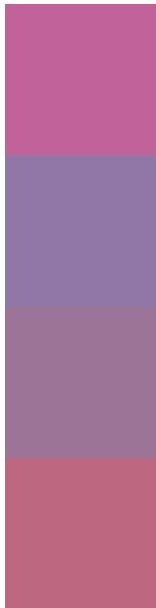
23.0059, 22.4996, 31.5641



Tritanopia

29.1776, 22.3418, 18.6942

Trichromacy



Original Color

32.1927, 22.4059, 33.1999

Protanomaly

25.2234, 21.8038, 39.9249

Deuteranomaly

25.5416, 21.7931, 32.1384

Tritanomaly

30.0479, 22.2326, 23.4765

Monochromacy



Original Color

32.1927, 22.4059, 33.1999

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.0418, 22.3246, 28.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1927, 22.4059, 33.1999 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(193, 98, 154)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 154)  
}
```

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(193, 98, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.1927, 22.4059, 33.1999 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(193, 98, 154) }
```


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

```
.border{ border-color:rgb(193, 98, 154) }
```

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

Here you see how a box with a 4 pixel rgb(193, 98, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 154);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1927, 22.4059, 33.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 154) }
```

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

```
.background{ background-color: rgb(193, 98,  
154) }
```

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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