

Converting Colors

XYZ(32.3318, 22.5313, 51.9179)

Have a look what the booklet for
XYZ(32.3318, 22.5313, 51.9179)
contains.

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Color

**XYZ(32.4177, 22.5339,
51.9311)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B265BF |
| RGB | 178, 101, 191 |
| RGB Percent | 70%, 40%, 75% |
| CMY | 0.3020, 0.6039, 0.2510 |
| CMYK | 0.07, 0.47, 0.00, 0.25 |
| HSL | 291°, 41%, 57% |
| HSV | 291°, 47%, 75% |
| XYZ | 32.4177, 22.5339, 51.9311 |
| YIQ | 134.2830, 17.0020, 44.3140 |

Conversions

Conversions Part 2

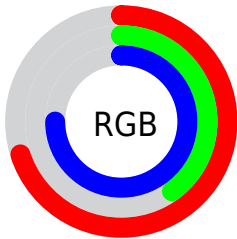
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 101, 191 |
| Decimal | 11691455 |
| CIE _{Lab} | 54.59, 45.08, -34.56 |
| CIE _{LCh} | 55, 56.801, 322.527 |
| Yxy | 22.5339, 0.3033, 0.2108 |
| Android (android.graphics.Color) | 4289881535 (0xFFB265BF) |
| YUV | 134.2830, 27.9615, 38.3398 |
| Hunter-Lab | 47.4699, 38.8273, -31.6331 |

Details

The XYZ color **32.4177, 22.5339, 51.9311** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.9199, 41.7792, 18.9056**, and the grayscale version is **22.6607, 23.8408, 25.9627**.

A 20% lighter version of the original color is **62.7598, 47.5507, 94.6773**, and **13.8243, 8.2983, 24.5400** is the 20% darker color. If you saturate the color by 10%, you get **30.1478, 18.9238, 51.3542**, and if you desaturate by 10%, it is **35.1329, 27.0144, 52.6532**.

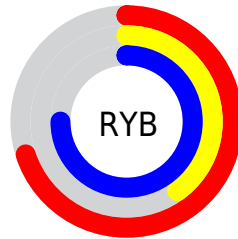
Distribution



Red (70%)

Green (40%)

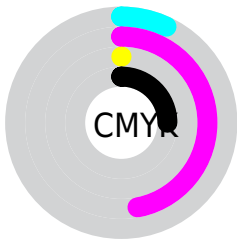
Blue (75%)



Red (70%)

Yellow (40%)

Blue (75%)

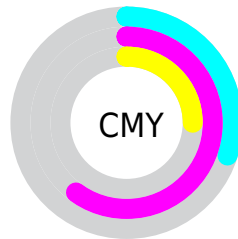


Cyan (7%)

Magenta (47%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (60%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4177, 22.5339, 51.9311 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 32.4177, 22.5339, 51.9311 by changing the saturation by 10% instead.

■ 32.4177, 22.5339,
51.9311

■ 32.4177, 22.5339,
51.9311

304.7292,
265.3219, 411.1199

■ 21.8378, 14.2497,
36.5683

■ 62.8261, 47.6268,
94.4552

■ 13.8537, 8.2946,
24.5803

■ 83.3854, 65.2044,
122.4535

■ 8.1000, 4.2840,
15.5484

■ 108.0018, 86.6486,
155.5008

■ 4.2114, 1.8337,
9.0543

■ 137.0408,
112.3437, 194.0155

■ 1.8224, 0.5080,
4.6793

170.8677,
142.6742, 238.4163

■ 0.5311, 0.0000,
2.0049

209.8478,

■ 0.0000, 0.0000,

178.0245, 289.1215

0.5583

254.3465,
218.7789, 346.5499

■ 0.0000, 0.0000,
0.0000

■ 32.4177, 22.5339,
51.9311

■ 32.4177, 22.5339,
51.9311

■ 30.1478, 18.9238,
51.3542

■ 35.1329, 27.0144,
52.6532

■ 28.2903, 16.1204,
50.9110

■ 38.3184, 32.4171,
53.5281

■ 26.8118, 14.0564,
50.5906

■ 42.0001, 38.7932,
54.5647

■ 25.6724, 12.6518,
50.3795

■ 46.2015, 46.1893,
55.7709

■ 24.8164, 11.7956,
50.2594

■ 50.9444, 54.6491,
57.1538

■ 24.5928, 11.5917,
50.2318

■ 56.2494, 64.2137,
58.7204

■ 62.1359, 74.9218,
60.4770

■ 68.6225, 86.8105,
62.4299

■ 69.7466, 87.9544,
62.5914

Harmonies

Analogous

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



26.3499, 22.5339, 71.9123



32.4177, 22.5339, 51.9311



35.6482, 22.5339, 29.2799

Triad

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



32.4177, 22.5339, 51.9311



23.0160, 22.5339, 3.8049



12.1388, 22.5339, 40.1907

Complementary

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



32.4177, 22.5339, 51.9311



27.9199, 41.7792, 18.9056

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.



11.5902, 22.5339, 20.3336



32.4177, 22.5339, 51.9311



17.1431, 22.5339, 4.5176

Square

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



32.4177, 22.5339, 51.9311



29.5756, 22.5339, 6.1234



13.2388, 22.5339, 9.0085



14.9177, 22.5339, 63.1450

Rectangle

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



32.4177, 22.5339, 51.9311



35.3908, 22.5339, 17.8131



13.2388, 22.5339, 9.0085



11.7126, 22.5339, 32.7667

Sweetspot

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



32.4185, 22.5349, 51.9316



77.3043, 73.1242, 98.3191



20.8456, 18.6771, 51.7969



16.6288, 15.4504, 21.4911



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.



32.4185, 22.5349, 51.9316



53.7077, 33.4480, 91.9045



32.4417, 22.9052, 35.7409



9.7908, 9.6246, 12.0139



16.2143, 7.6449, 33.0139



0.6727, 0.3188, 1.2949

Inverse Universe

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



29.1775, 21.5996, 18.5519



47.4855, 31.7455, 23.6097



28.1976, 41.7085, 28.5750



9.5848, 9.5582, 10.2026



14.2732, 7.3405, 1.4666



0.5773, 0.2948, 0.1534

Previews

White Background



This preview shows how the XYZ color 32.4177, 22.5339, 51.9311 looks on a white background.

Color Contrast Check

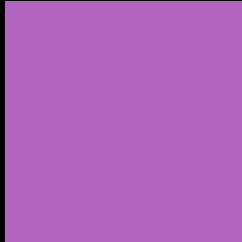
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4177, 22.5339, 51.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

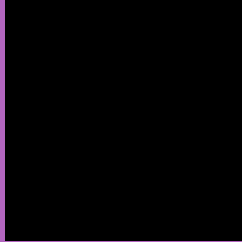
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4177, 22.5339, 51.9311

Background



This preview shows how black text looks on a background with the XYZ color 32.4177, 22.5339, 51.9311.



This preview shows how white text looks on a background with the XYZ color 32.4177, 22.5339,

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

32.4177, 22.5339, 51.9311

Protanopia

24.7865, 22.8348, 66.7195

Deuteranopia

23.4011, 22.8899, 49.6392



Tritanopia

26.3092, 22.4065, 22.3403

Trichromacy



Original Color

32.4177, 22.5339, 51.9311



Protanomaly

26.2232, 21.8487, 61.2276



Deuteranomaly

25.6656, 21.9754, 50.4659



Tritanomaly

28.1225, 22.3095, 31.2577

Monochromacy



Original Color

32.4177, 22.5339, 51.9311



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

25.4536, 22.7697, 34.0638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4177, 22.5339, 51.9311 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(178, 101, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 101, 191)  
}
```

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(178, 101, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 101, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.4177, 22.5339, 51.9311 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(178, 101, 191) }
```


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

```
.border{ border-color:rgb(178, 101, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 101, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 101, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 101, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 101,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4177, 22.5339, 51.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 101, 191) }
```

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

```
.background{ background-color: rgb(178,  
101, 191) }
```

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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