

Converting Colors

XYZ(27.2559, 16.5103, 32.2315)

Have a look what the booklet for
XYZ(27.2559, 16.5103, 32.2315)
contains.

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Color

**XYZ(27.2523, 16.5344,
32.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	B6459A
RGB	182, 69, 154
RGB Percent	71%, 27%, 60%
CMY	0.2863, 0.7294, 0.3961
CMYK	0.00, 0.62, 0.15, 0.29
HSL	315°, 45%, 49%
HSV	315°, 62%, 71%
XYZ	27.2523, 16.5344, 32.3270
YIQ	112.4770, 40.0630, 50.3910

Conversions

Conversions Part 2

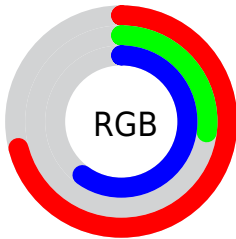
Format	Color
RYB	182, 69, 154
Decimal	11945370
CIELab	47.67, 55.27, -23.65
CIElCh	48, 60.121, 336.834
Yxy	16.5344, 0.3580, 0.2172
Android (android.graphics.Color)	4290135450 (0xFFB6459A)
YUV	112.4770, 20.4708, 60.9717
Hunter-Lab	40.6625, 48.4725, -18.6722

Details

The XYZ color **27.2523, 16.5344, 32.3270** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21.3407, 35.5848, 17.0544**, and the grayscale version is **15.4753, 16.2813, 17.7303**.

A 20% lighter version of the original color is **54.6515, 37.5440, 64.6879**, and **11.0524, 5.4149, 13.2946** is the 20% darker color. If you saturate the color by 10%, you get **25.9310, 14.4815, 30.0680**, and if you desaturate by 10%, it is **28.9321, 19.2811, 34.7754**.

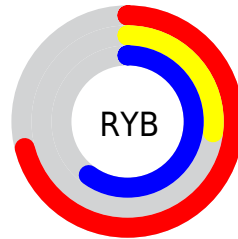
Distribution



Red (71%)

Green (27%)

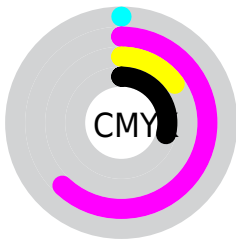
Blue (60%)



Red (71%)

Yellow (27%)

Blue (60%)

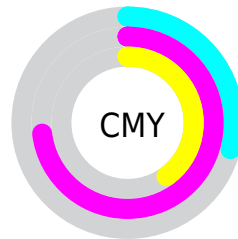


Cyan (0%)

Magenta (62%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (73%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2523, 16.5344, 32.3270 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 27.2523, 16.5344, 32.3270 by changing the saturation by 10% instead.

■ 27.2523, 16.5344,
32.3270

■ 27.2523, 16.5344,
32.3270

281.0220,
232.4748, 327.1447

■ 17.9004, 9.9031,
21.3445

■ 54.7055, 37.5235,
64.4272

■ 10.9777, 5.3348,
13.1824

■ 73.5375, 52.6501,
86.3820

■ 6.1190, 2.4450,
7.4220

■ 96.2602, 71.3772,
112.8314

■ 2.9590, 0.8489,
3.6450

■ 123.2389, 94.0893,
144.1937

■ 1.1321, 0.0000,
1.4327

■ 154.8392,
121.1706, 180.8877

■ 0.0517, 0.0000,
0.1670

191.4262,

■ 0.0000, 0.0000,

153.0058, 223.3318

0.0000

233.3653,
189.9790, 271.9446

■ 27.2523, 16.5344,
32.3270

■ 27.2523, 16.5344,
32.3270

■ 25.9310, 14.4815,
30.0680

■ 28.9321, 19.2811,
34.7754

■ 24.9339, 13.0548,
27.9859

■ 30.9973, 22.7762,
37.4225

■ 24.2226, 12.1776,
26.0671

■ 33.4741, 27.0715,
40.2779

■ 23.7999, 11.7485,
24.6430

■ 36.3860, 32.2135,
43.3502

■ 39.7545, 38.2452,
46.6472

■ 43.5997, 45.2067,
50.1764

■ 47.9406, 53.1354,
53.9447

■ 52.7949, 62.0669,
57.9588

■ 58.1797, 72.0349,
62.2250

Harmonies

Analogous

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



22.7564, 16.5344, 53.5731



27.2523, 16.5344, 32.3270



28.3631, 16.5344, 14.7075

Triad

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



27.2523, 16.5344, 32.3270



14.5181, 16.5344, 1.7093



8.8135, 16.5344, 42.1968

Complementary

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



27.2523, 16.5344, 32.3270



21.3407, 35.5848, 17.0544

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.



7.5292, 16.5344, 21.7577



27.2523, 16.5344, 32.3270



10.3010, 16.5344, 3.1896

Square

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



27.2523, 16.5344, 32.3270



20.1389, 16.5344, 2.2031



8.0038, 16.5344, 8.6936



11.9924, 16.5344, 61.1907

Rectangle

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



27.2523, 16.5344, 32.3270



26.8509, 16.5344, 7.6794



8.0038, 16.5344, 8.6936



8.1833, 16.5344, 34.9296

Sweetspot

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



27.2528, 16.5352, 32.3273



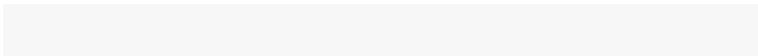
67.5702, 61.2600, 80.2034



15.3300, 10.0871, 45.3955



14.5585, 12.8787, 17.3470



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.2528, 16.5352, 32.3273



46.1880, 25.0416, 52.8954



23.6788, 15.1056, 13.5065



9.2833, 9.1237, 10.8390



16.8345, 8.3076, 17.5473



0.6165, 0.3021, 0.7401

Inverse Universe

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



27.2528, 16.5352, 32.3273



46.1880, 25.0416, 52.8954



24.8395, 36.9844, 35.4789



9.2833, 9.1237, 10.8390



16.8345, 8.3076, 17.5473



0.6165, 0.3021, 0.7401

Previews

White Background



This preview shows how the XYZ color 27.2523, 16.5344, 32.3270 looks on a white 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

Black Background



This preview shows how the XYZ color 27.2523, 16.5344, 32.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

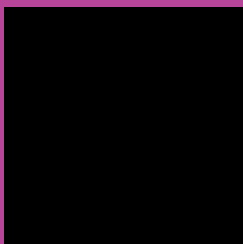
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2523, 16.5344, 32.3270

Background



This preview shows how black text looks on a background with the XYZ color 27.2523, 16.5344, 32.3270.



This preview shows how white text looks on a background with the XYZ color 27.2523, 16.5344,

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

27.2523, 16.5344, 32.3270

Protanopia

18.2412, 16.7936, 49.8570

Deuteranopia

17.1240, 16.8207, 29.9480



Tritanopia

23.0413, 16.4824, 11.8645

Trichromacy



Original Color

27.2523, 16.5344, 32.3270

Protanomaly

19.4906, 15.3519, 43.0102

Deuteranomaly

19.5194, 15.6361, 30.8434

Tritanomaly

24.1933, 16.2718, 17.7852

Monochromacy



Original Color

27.2523, 16.5344, 32.3270

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.3302, 15.2164, 22.0496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2523, 16.5344, 32.3270 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(182, 69, 154)` looks like.

```
.text, #text, p{  
    color:rgb(182, 69, 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(182, 69, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 69, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.2523, 16.5344, 32.3270 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(182, 69, 154) }
```


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

```
.border{ border-color:rgb(182, 69, 154) }
```

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

Here you see how a box with a 4 pixel rgb(182, 69, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 69, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 69, 154);  
box-shadow:4px 4px 4px 4px rgb(182, 69,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2523, 16.5344, 32.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 69, 154) }
```

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

```
.background{ background-color: rgb(182, 69,  
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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