

Converting Colors

XYZ(32.4535, 20.5344, 27.8442)

Have a look what the booklet for
XYZ(32.4535, 20.5344, 27.8442)
contains.

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Color

**XYZ(32.4535, 20.5344,
27.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	CB518E
RGB	203, 81, 142
RGB Percent	80%, 32%, 56%
CMY	0.2039, 0.6823, 0.4431
CMYK	0.00, 0.60, 0.30, 0.20
HSL	330°, 54%, 56%
HSV	330°, 60%, 80%
XYZ	32.4535, 20.5344, 27.8442
YIQ	124.4320, 53.1310, 44.8350

Conversions

Conversions Part 2

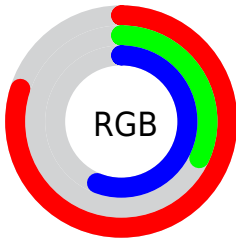
Format	Color
R_{YB}	203, 81, 142
Decimal	13324686
CIE _{Lab}	52.44, 54.49, -8.95
CIE _{LCh}	52, 55.218, 350.669
Yxy	20.5344, 0.4015, 0.2540
Android (android.graphics.Color)	4291514766 (0xFFCB518E)
YUV	124.4320, 8.6610, 68.9041
Hunter-Lab	45.3149, 48.5366, -4.7109

Details

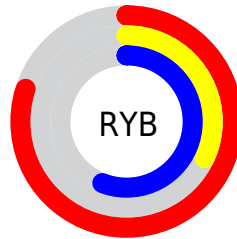
The XYZ color **32.4535, 20.5344, 27.8442** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **29.6329, 46.4147, 32.9910**, and the grayscale version is **19.2628, 20.2660, 22.0696**.

A 20% lighter version of the original color is **60.0080, 42.8538, 57.3334**, and **13.8417, 7.2582, 10.7966** is the 20% darker color. If you saturate the color by 10%, you get **30.4364, 17.6647, 23.5814**, and if you desaturate by 10%, it is **34.9921, 24.3356, 32.6236**.

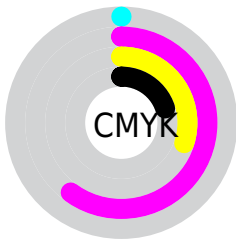
Distribution



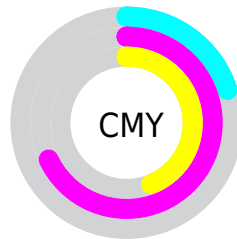
- Red (80%)
- Green (32%)
- Blue (56%)



- Red (80%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4535, 20.5344, 27.8442 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 32.4535, 20.5344, 27.8442 by changing the saturation by 10% instead.

 32.4535, 20.5344,
27.8442


 32.4535, 20.5344,
27.8442


304.8887,
254.7936, 305.6102


 21.8653, 12.7841,
17.9702


 62.8818, 44.3113,
57.2557


 13.8740, 7.2800,
10.7594


 83.4526, 61.1068,
77.6303


 8.1142, 3.6378,
5.7932


 108.0817, 81.6860,
102.3422

 4.2205, 1.4731,
2.6530

 137.1344,
106.4335, 131.8100

 1.8276, 0.2697,
0.9196

 170.9761,
135.7336, 166.4521

 0.5342, 0.0000,
0.0000

209.9721,

 0.0000, 0.0000,

169.9708, 206.6872

0.0000

254.4879,
209.5293, 252.9337

■ 32.4535, 20.5344,
27.8442

■ 32.4535, 20.5344,
27.8442

■ 30.4364, 17.6647,
23.5814

■ 34.9921, 24.3356,
32.6236

■ 28.8955, 15.6394,
19.8106

■ 38.0884, 29.1387,
37.9400

■ 27.7802, 14.3604,
16.5055

■ 41.7777, 35.0109,
43.8136

■ 27.0019, 13.6458,
13.6501

■ 46.0914, 42.0126,
50.2631

■ 51.0587, 50.1998,
57.3062

■ 56.7071, 59.6246,
64.9596

■ 63.0621, 70.3360,
73.2393

■ 70.1481, 82.3805,
82.1606

■ 75.1474, 90.1200,
90.7913

Harmonies

Analogous

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



29.2819, 20.5344, 48.7380



32.4535, 20.5344, 27.8442



31.6733, 20.5344, 13.0084

Triad

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



32.4535, 20.5344, 27.8442



15.8987, 20.5344, 3.9717



13.3621, 20.5344, 56.4875

Complementary

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



32.4535, 20.5344, 27.8442



29.6329, 46.4147, 32.9910

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.



10.9536, 20.5344, 35.3687



32.4535, 20.5344, 27.8442



12.2078, 20.5344, 7.7810

Square

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



32.4535, 20.5344, 27.8442



21.3490, 20.5344, 3.4858



10.5767, 20.5344, 17.6452



17.7935, 20.5344, 69.8383

Rectangle

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



32.4535, 20.5344, 27.8442



29.0670, 20.5344, 7.5067



10.5767, 20.5344, 17.6452



12.3284, 20.5344, 49.6875

Sweetspot

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



32.4541, 20.5355, 27.8446



78.6374, 72.7390, 86.2757



24.8784, 15.9488, 58.2671



16.3391, 14.7627, 17.7515



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.



32.4541, 20.5355, 27.8446



50.1471, 28.4689, 37.5941



29.0571, 19.1766, 9.9560



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Inverse Universe

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



32.4541, 20.5355, 27.8446



50.1471, 28.4689, 37.5941



35.5294, 48.7733, 64.0415



11.4423, 11.3057, 12.8639



17.2299, 8.7025, 8.9291



0.9272, 0.4643, 0.6624

Previews

White Background



This preview shows how the XYZ color 32.4535, 20.5344, 27.8442 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 32.4535, 20.5344, 27.8442 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 32.4535, 20.5344, 27.8442

Background



This preview shows how black text looks on a background with the XYZ color 32.4535, 20.5344, 27.8442.



This preview shows how white text looks on a background with the XYZ color 32.4535, 20.5344,

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

32.4535, 20.5344, 27.8442

Protanopia

21.2404, 20.8003, 41.4234

Deuteranopia

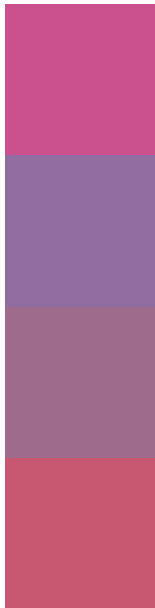
21.0763, 20.6832, 26.1740



Tritanopia

29.4519, 20.4874, 13.7114

Trichromacy



Original Color

32.4535, 20.5344, 27.8442

Protanomaly

23.3848, 19.2829, 35.7472

Deuteranomaly

23.9457, 19.6195, 26.5696

Tritanomaly

30.2082, 20.2880, 17.9466

Monochromacy



Original Color

32.4535, 20.5344, 27.8442

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.5962, 19.1361, 23.9754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4535, 20.5344, 27.8442 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(203, 81, 142)` looks like.

```
.text, #text, p{  
    color:rgb(203, 81, 142)  
}
```

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(203, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 81, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.4535, 20.5344, 27.8442 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(203, 81, 142) }
```


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

```
.border{ border-color:rgb(203, 81, 142) }
```

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

Here you see how a box with a 4 pixel rgb(203, 81, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(203, 81,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4535, 20.5344, 27.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 81, 142) }
```

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

```
.background{ background-color: rgb(203, 81,  
142) }
```

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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