

Converting Colors

XYZ(30.4534, 20.1279, 41.0308)

Have a look what the booklet for
XYZ(30.4534, 20.1279, 41.0308)
contains.

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Color

**XYZ(30.4515, 20.1523,
40.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	B759AB
RGB	183, 89, 171
RGB Percent	72%, 35%, 67%
CMY	0.2823, 0.6510, 0.3294
CMYK	0.00, 0.51, 0.07, 0.28
HSL	308°, 39%, 53%
HSV	308°, 51%, 72%
XYZ	30.4515, 20.1523, 40.8129
YIQ	126.4540, 29.7020, 45.4300

Conversions

Conversions Part 2

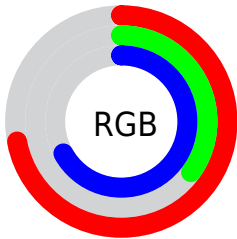
Format	Color
R_{YB}	183, 89, 171
Decimal	12016043
CIE _{Lab}	52.01, 48.99, -26.95
CIE _{LCh}	52, 55.912, 331.187
Yxy	20.1523, 0.3331, 0.2204
Android (android.graphics.Color)	4290206123 (0xFFB759AB)
YUV	126.4540, 21.9612, 49.5908
Hunter-Lab	44.8913, 42.5236, -22.4795

Details

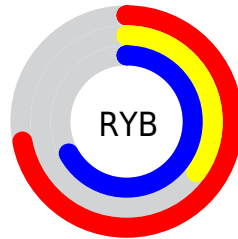
The XYZ color **30.4515, 20.1523, 40.8129** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **23.4032, 36.9311, 18.2082**, and the grayscale version is **19.9069, 20.9436, 22.8075**.

A 20% lighter version of the original color is **59.8138, 43.5928, 77.9348**, and **12.7731, 7.0993, 17.8366** is the 20% darker color. If you saturate the color by 10%, you get **28.8931, 17.3884, 39.2045**, and if you desaturate by 10%, it is **32.3937, 23.6766, 42.5690**.

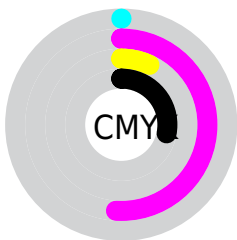
Distribution



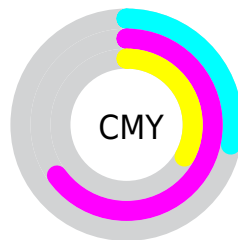
- Red (72%)
- Green (35%)
- Blue (67%)



- Red (72%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (51%)
- Yellow (7%)
- Black (28%)



- Cyan (28%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4515, 20.1523, 40.8129 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 30.4515, 20.1523, 40.8129 by changing the saturation by 10% instead.

■ 30.4515, 20.1523,
40.8129

■ 30.4515, 20.1523,
40.8129

295.8756,
252.7384, 365.1915

■ 20.3313, 12.5058,
27.8543

■ 59.7572, 43.6724,
77.6504

■ 12.7458, 7.0891,
17.9778

■ 79.6734, 60.3147,
102.3663

■ 7.3295, 3.5179,
10.7648

■ 103.5857, 80.7245,
131.8385

■ 3.7172, 1.4077,
5.7967

■ 131.8594,
105.2861, 166.4854

■ 1.5434, 0.2224,
2.6551

164.8599,
134.3839, 206.7257

■ 0.3551, 0.0000,
0.9207

202.9525,

■ 0.0000, 0.0000,

168.4023, 252.9777

0.0000

246.5026,
207.7257, 305.6601

■ 30.4515, 20.1523,
40.8129

■ 30.4515, 20.1523,
40.8129

■ 28.8931, 17.3884,
39.2045

■ 32.3937, 23.6766,
42.5690

■ 27.6878, 15.3249,
37.7330

■ 34.7433, 28.0099,
44.4803

■ 26.8038, 13.8975,
36.3877

■ 37.5244, 33.1999,
46.5550

■ 26.2020, 13.0286,
35.1557

■ 40.7587, 39.2898,
48.8005

■ 25.8421, 12.5928,
34.1603

■ 44.4663, 46.3199,
51.2236

■ 48.6662, 54.3283,
53.8307

■ 53.3764, 63.3505,
56.6279

■ 58.6138, 73.4207,
59.6209

■ 64.3946, 84.5713,
62.8152

Harmonies

Analogous

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



25.4086, 20.1523, 61.2376



30.4515, 20.1523, 40.8129



32.3341, 20.1523, 21.2985

Triad

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



30.4515, 20.1523, 40.8129



18.9280, 20.1523, 3.1439



11.2248, 20.1523, 42.5402

Complementary

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



30.4515, 20.1523, 40.8129



23.4032, 36.9311, 18.2082

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.



10.1533, 20.1523, 22.5992



30.4515, 20.1523, 40.8129



14.0208, 20.1523, 4.5544

Square

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



30.4515, 20.1523, 40.8129



24.9367, 20.1523, 4.3302



11.0665, 20.1523, 10.0249



14.3427, 20.1523, 62.5357

Rectangle

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



30.4515, 20.1523, 40.8129



31.2984, 20.1523, 12.4409



11.0665, 20.1523, 10.0249



10.6447, 20.1523, 35.3540

Sweetspot

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



30.4522, 20.1532, 40.8133



70.6488, 65.9343, 85.8009



17.3724, 13.2721, 46.4464



15.3351, 14.0563, 18.7640



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.



30.4522, 20.1532, 40.8133



51.3457, 30.4442, 69.7597



26.8054, 18.6945, 21.6099



9.3303, 9.1425, 11.0865



18.0454, 8.7919, 23.9235



0.6500, 0.3155, 0.9166

Inverse Universe

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



30.4522, 20.1532, 40.8133



51.3457, 30.4442, 69.7597



26.3180, 38.0971, 33.5574



9.3303, 9.1425, 11.0865



18.0454, 8.7919, 23.9235



0.6500, 0.3155, 0.9166

Previews

White Background



This preview shows how the XYZ color 30.4515, 20.1523, 40.8129 looks on a white background.

Color Contrast Check

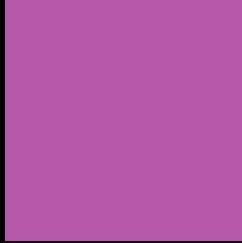
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4515, 20.1523, 40.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

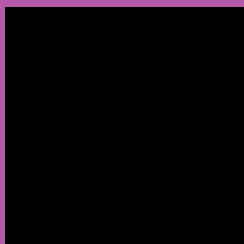
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4515, 20.1523, 40.8129

Background



This preview shows how black text looks on a background with the XYZ color 30.4515, 20.1523, 40.8129.



This preview shows how white text looks on a background with the XYZ color 30.4515, 20.1523,

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

30.4515, 20.1523, 40.8129

Protanopia

21.9764, 20.4831, 56.2214

Deuteranopia

20.8139, 20.4599, 38.4495



Tritanopia

25.6240, 20.0783, 17.5639

Trichromacy



Original Color

30.4515, 20.1523, 40.8129

Protanomaly

23.5551, 19.3719, 50.0746

Deuteranomaly

23.3070, 19.6479, 39.1232

Tritanomaly

27.1917, 20.0125, 24.6199

Monochromacy



Original Color

30.4515, 20.1523, 40.8129

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.8202, 19.9663, 28.2423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4515, 20.1523, 40.8129 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(183, 89, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 89, 171)  
}
```

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(183, 89, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 89, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.4515, 20.1523, 40.8129 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(183, 89, 171) }
```


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

```
.border{ border-color:rgb(183, 89, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 89, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 89, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 89, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 89,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4515, 20.1523, 40.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 89, 171) }
```

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

```
.background{ background-color: rgb(183, 89,  
171) }
```

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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