

Converting Colors

XYZ(30.8376, 16.6264, 27.4206)

Have a look what the booklet for
XYZ(30.8376, 16.6264, 27.4206)
contains.

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Color

**XYZ(30.7236, 16.5483,
27.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2B8F
RGB	204, 43, 143
RGB Percent	80%, 17%, 56%
CMY	0.2000, 0.8313, 0.4392
CMYK	0.00, 0.79, 0.30, 0.20
HSL	323°, 65%, 48%
HSV	323°, 79%, 80%
XYZ	30.7236, 16.5483, 27.5614
YIQ	102.5390, 63.8560, 65.2320

Conversions

Conversions Part 2

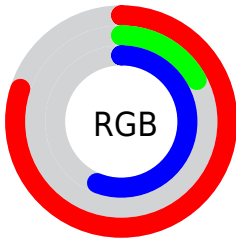
Format	Color
R_{YB}	204, 43, 143
Decimal	13380495
CIE _{Lab}	47.69, 68.64, -16.71
CIE _{LCh}	48, 70.645, 346.316
Yxy	16.5483, 0.4106, 0.2211
Android (android.graphics.Color)	4291570575 (0xFFCC2B8F)
YUV	102.5390, 19.9473, 88.9813
Hunter-Lab	40.6796, 63.6243, -11.6947

Details

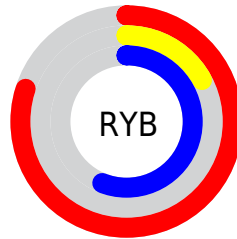
The XYZ color **30.7236, 16.5483, 27.5614** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **25.0889, 44.6993, 20.4054**, and the grayscale version is **12.7095, 13.3714, 14.5615**.

A 20% lighter version of the original color is **56.4721, 35.5993, 56.7183**, and **13.6528, 6.8101, 10.9508** is the 20% darker color. If you saturate the color by 10%, you get **29.5928, 15.1918, 24.3943**, and if you desaturate by 10%, it is **32.2663, 18.6638, 31.0652**.

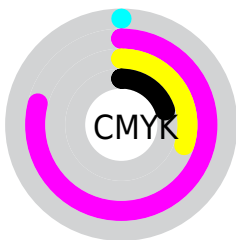
Distribution



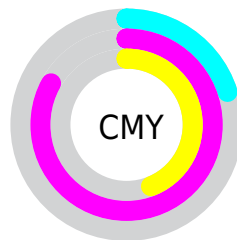
- Red (80%)
- Green (17%)
- Blue (56%)



- Red (80%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7236, 16.5483, 27.5614 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 30.7236, 16.5483, 27.5614 by changing the saturation by 10% instead.

 30.7236, 16.5483,
27.5614

 30.7236, 16.5483,
27.5614


297.1126,
232.5557, 304.2109


 20.5393, 9.9130,
17.7591


 60.1835, 37.5475,
56.7981


 12.8982, 5.3413,
10.6096


 80.1897, 52.6802,
77.0696


 7.4350, 2.4489,
5.6941


 104.2006, 71.4140,
101.6679

 3.7843, 0.8509,
2.5942

 132.5815, 94.1335,
131.0116

 1.5809, 0.0000,
0.8895

 165.6978,
121.2231, 165.5192

 0.3799, 0.0000,
0.0000

203.9149,

 0.0000, 0.0000,

153.0670, 205.6092

0.0000

247.5980,
190.0498, 251.7003

■ 30.7236, 16.5483,
27.5614

■ 30.7236, 16.5483,
27.5614

■ 29.5928, 15.1918,
24.3943

■ 32.2663, 18.6638,
31.0652

■ 28.7920, 14.4318,
21.5321

■ 34.2688, 21.6334,
34.9251

■ 28.7132, 14.3619,
21.2360

■ 36.7739, 25.5409,
39.1593

■ 39.8186, 30.4594,
43.7837

■ 43.4364, 36.4548,
48.8132

■ 47.6579, 43.5872,
54.2613

■ 52.5117, 51.9123,
60.1409

■ 58.0242, 61.4822,
66.4643

■ 64.2204, 72.3458,
73.2430

Harmonies

Analogous

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



26.2460, 16.5483, 54.2939



30.7236, 16.5483, 27.5614



30.4986, 16.5483, 9.9075

Triad

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



30.7236, 16.5483, 27.5614



12.5579, 16.5483, 1.0086



8.7439, 16.5483, 56.6846

Complementary

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



30.7236, 16.5483, 27.5614



25.0889, 44.6993, 20.4054

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.



6.7158, 16.5483, 29.6610



30.7236, 16.5483, 27.5614



8.4799, 16.5483, 3.0908

Square

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



30.7236, 16.5483, 27.5614



18.7799, 16.5483, 0.9492



6.6342, 16.5483, 10.9796



13.0273, 16.5483, 77.3340

Rectangle

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



30.7236, 16.5483, 27.5614



27.6827, 16.5483, 4.2728



6.6342, 16.5483, 10.9796



7.8327, 16.5483, 47.4600

Sweetspot

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



30.7241, 16.5492, 27.5617



75.0259, 65.5701, 84.9051



17.2475, 8.9155, 57.9386



15.5360, 13.1550, 17.4881



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.



30.7241, 16.5492, 27.5617



48.0104, 24.1934, 36.8881



26.7052, 14.9416, 6.3985



11.5003, 11.3289, 13.1693



18.1190, 9.0582, 13.6111



0.9709, 0.4818, 0.8928

Inverse Universe

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



30.7241, 16.5492, 27.5617



48.0104, 24.1934, 36.8881



31.0885, 47.0992, 51.9989



11.5003, 11.3289, 13.1693



18.1190, 9.0582, 13.6111



0.9709, 0.4818, 0.8928

Previews

White Background



This preview shows how the XYZ color 30.7236, 16.5483, 27.5614 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 30.7236, 16.5483, 27.5614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

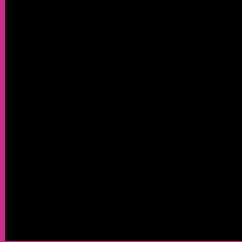
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.7236, 16.5483, 27.5614

Background



This preview shows how black text looks on a background with the XYZ color 30.7236, 16.5483, 27.5614.



This preview shows how white text looks on a background with the XYZ color 30.7236, 16.5483,

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

30.7236, 16.5483, 27.5614

Protanopia

18.5071, 16.8801, 52.1519

Deuteranopia

17.0577, 16.7349, 24.8854



Tritanopia

26.6977, 16.6114, 7.7604

Trichromacy



Original Color

30.7236, 16.5483, 27.5614

Protanomaly

19.4252, 14.0715, 41.7367

Deuteranomaly

19.8758, 14.6648, 25.4499

Tritanomaly

27.7581, 16.3067, 12.9938

Monochromacy



Original Color

30.7236, 16.5483, 27.5614

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

17.0277, 12.7683, 18.7066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7236, 16.5483, 27.5614 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(204, 43, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 43, 143)  
}
```

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(204, 43, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 43, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.7236, 16.5483, 27.5614 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(204, 43, 143) }
```


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

```
.border{ border-color:rgb(204, 43, 143) }
```

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

Here you see how a box with a 4 pixel rgb(204, 43, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 43, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 43, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 43,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7236, 16.5483, 27.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 43, 143) }
```

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

```
.background{ background-color: rgb(204, 43,  
143) }
```

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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