

Converting Colors

XYZ(27.5630, 15.5710, 16.5917)

Have a look what the booklet for
XYZ(27.5630, 15.5710, 16.5917)
contains.

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Color

**XYZ(27.5630, 15.5710,
16.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	C7326F
RGB	199, 50, 111
RGB Percent	78%, 20%, 44%
CMY	0.2196, 0.8039, 0.5647
CMYK	0.00, 0.75, 0.44, 0.22
HSL	335°, 60%, 49%
HSV	335°, 75%, 78%
XYZ	27.5630, 15.5710, 16.5917
YIQ	101.5050, 69.2230, 50.5590

Conversions

Conversions Part 2

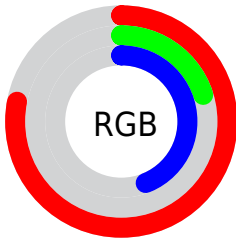
Format	Color
R_{YB}	199, 50, 111
Decimal	13054575
CIE _{Lab}	46.41, 61.96, 0.77
CIE _{LCh}	46, 61.964, 0.714
Yxy	15.5710, 0.4615, 0.2607
Android (android.graphics.Color)	4291244655 (0xFFC7326F)
YUV	101.5050, 4.6810, 85.5031
Hunter-Lab	39.4601, 55.6276, 2.6925

Details

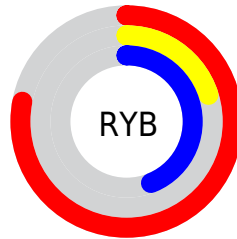
The XYZ color **27.5630, 15.5710, 16.5917** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **26.3274, 43.3603, 31.0302**, and the grayscale version is **12.4771, 13.1269, 14.2952**.

A 20% lighter version of the original color is **53.2302, 34.8059, 38.0951**, and **11.7406, 5.9456, 5.3793** is the 20% darker color. If you saturate the color by 10%, you get **26.2841, 13.9818, 13.1797**, and if you desaturate by 10%, it is **29.2974, 17.9351, 20.5760**.

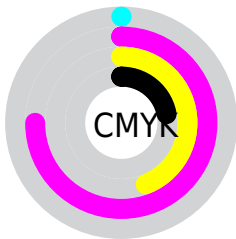
Distribution



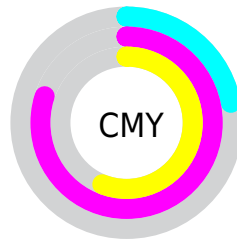
- Red (78%)
- Green (20%)
- Blue (44%)



- Red (78%)
- Yellow (20%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (44%)
- Black (22%)





- Cyan (22%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5630, 15.5710, 16.5917 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 27.5630, 15.5710, 16.5917 by changing the saturation by 10% instead.


 27.5630, 15.5710,
16.5917


 27.5630, 15.5710,
16.5917


282.4909,
226.7968, 244.7721


 18.1353, 9.2211,
9.7849


 55.1995, 35.8518,
38.4034


 11.1474, 4.8857,
5.1529


 74.1390, 50.5515,
54.2454


 6.2341, 2.1803,
2.2769


 96.9798, 68.8033,
73.9363

 3.0300, 0.7092,
0.7183

 124.0873, 90.9915,
97.8945

 1.1696, 0.0000,
0.0000

 155.8268,
117.5006, 126.5387

 0.0822, 0.0000,
0.0000

192.5637,

 0.0000, 0.0000,

148.7149, 160.2873

0.0000

234.6633,
185.0188, 199.5590

■ 27.5630, 15.5710,
16.5917

■ 27.5630, 15.5710,
16.5917

■ 26.2841, 13.9818,
13.1797

■ 29.2974, 17.9351,
20.5760

■ 25.4044, 13.0599,
10.3046

■ 31.5319, 21.1579,
25.1624

■ 25.0557, 12.7431,
9.0148

■ 34.3065, 25.3150,
30.3791

■ 37.6569, 30.4730,
36.2519

■ 41.6153, 36.6923,
42.8048

■ 46.2118, 44.0286,
50.0607

■ 51.4740, 52.5335,
58.0411

■ 57.4283, 62.2554,
66.7666

■ 64.0992, 73.2402,
76.2569

Harmonies

Analogous

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



25.6324, 15.5710, 35.6977



27.5630, 15.5710, 16.5917



25.4490, 15.5710, 5.9626

Triad

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



27.5630, 15.5710, 16.5917



10.1665, 15.5710, 2.1821



10.3394, 15.5710, 57.4819

Complementary

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



27.5630, 15.5710, 16.5917



26.3274, 43.3603, 31.0302

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.



7.6333, 15.5710, 36.7466



27.5630, 15.5710, 16.5917



7.5516, 15.5710, 6.2833

Square

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



27.5630, 15.5710, 16.5917



14.6727, 15.5710, 1.2938



6.7477, 15.5710, 17.3219



14.9276, 15.5710, 66.3458

Rectangle

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



27.5630, 15.5710, 16.5917



22.2663, 15.5710, 2.8869



6.7477, 15.5710, 17.3219



9.2224, 15.5710, 51.2320

Sweetspot

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



27.5634, 15.5719, 16.5920



74.8071, 67.3275, 78.0652



21.7534, 11.7173, 55.1478



15.5635, 13.6993, 15.9891



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.



27.5634, 15.5719, 16.5920



44.9551, 23.3195, 19.7258



25.8749, 15.8642, 4.7171



10.8108, 10.7077, 11.9872



16.1526, 8.2106, 6.0134



0.8006, 0.4031, 0.4733

Inverse Universe

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



27.5634, 15.5719, 16.5920



44.9551, 23.3195, 19.7258



29.3069, 40.1662, 60.2409



10.8108, 10.7077, 11.9872



16.1526, 8.2106, 6.0134



0.8006, 0.4031, 0.4733

Previews

White Background



This preview shows how the XYZ color 27.5630, 15.5710, 16.5917 looks on a white background.

Color Contrast Check

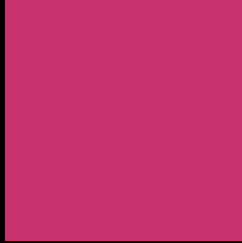
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5630, 15.5710, 16.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

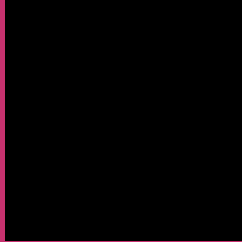
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.5630, 15.5710, 16.5917

Background



This preview shows how black text looks on a background with the XYZ color 27.5630, 15.5710, 16.5917.



This preview shows how white text looks on a background with the XYZ color 27.5630, 15.5710,

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

27.5630, 15.5710, 16.5917

Protanopia

16.1019, 15.8106, 29.8068

Deuteranopia

16.0686, 15.8000, 15.2995



Tritanopia

25.4417, 15.5627, 6.6640

Trichromacy



Original Color

27.5630, 15.5710, 16.5917

Protanomaly

18.1093, 14.0190, 24.3057

Deuteranomaly

18.7441, 14.2964, 15.6815

Tritanomaly

26.0620, 15.5056, 9.6019

Monochromacy



Original Color

27.5630, 15.5710, 16.5917

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.9596, 12.5248, 14.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5630, 15.5710, 16.5917 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(199, 50, 111)` looks like.

```
.text, #text, p{  
    color:rgb(199, 50, 111)  
}
```

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(199, 50, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 50, 111) }
```

Border

The CSS property to change the border of an element to XYZ 27.5630, 15.5710, 16.5917 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(199, 50, 111) }
```


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

```
.border{ border-color:rgb(199, 50, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 50, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 50, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 50, 111);  
box-shadow:4px 4px 4px 4px rgb(199, 50,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5630, 15.5710, 16.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 50, 111) }
```

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

```
.background{ background-color: rgb(199, 50,  
111) }
```

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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