

Converting Colors

XYZ(27.7858, 16.5305, 17.6458)

Have a look what the booklet for
XYZ(27.7858, 16.5305, 17.6458)
contains.

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Color

**XYZ(27.7858, 16.5305,
17.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	C53E72
RGB	197, 62, 114
RGB Percent	77%, 24%, 45%
CMY	0.2275, 0.7568, 0.5529
CMYK	0.00, 0.69, 0.42, 0.23
HSL	337°, 54%, 51%
HSV	337°, 69%, 77%
XYZ	27.7858, 16.5305, 17.6458
YIQ	108.2930, 63.7680, 44.7920

Conversions

Conversions Part 2

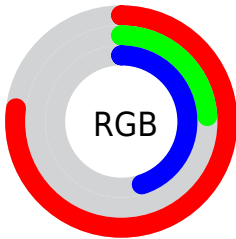
Format	Color
RYB	197, 62, 114
Decimal	12926578
CIELab	47.66, 57.43, 0.72
CIElCh	48, 57.437, 0.721
Yxy	16.5305, 0.4484, 0.2668
Android (android.graphics.Color)	4291116658 (0xFFC53E72)
YUV	108.2930, 2.8136, 77.7960
Hunter-Lab	40.6577, 50.8373, 2.7280

Details

The XYZ color **27.7858, 16.5305, 17.6458** 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 **27.0648, 43.0013, 33.6650**, and the grayscale version is **14.3169, 15.0625, 16.4031**.

A 20% lighter version of the original color is **54.6014, 36.9700, 40.3345**, and **11.4646, 5.7966, 5.6689** is the 20% darker color. If you saturate the color by 10%, you get **26.2575, 14.5053, 13.9571**, and if you desaturate by 10%, it is **29.7944, 19.3703, 21.9454**.

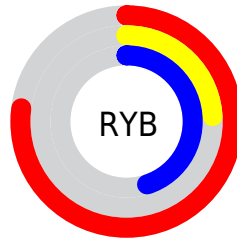
Distribution



Red (77%)

Green (24%)

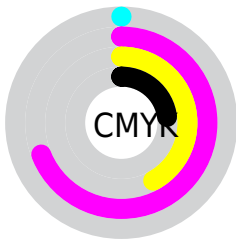
Blue (45%)



Red (77%)

Yellow (24%)

Blue (45%)

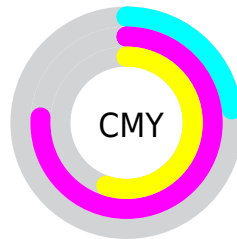


Cyan (0%)

Magenta (69%)

Yellow (42%)

Black (23%)



Cyan (23%)


Magenta (76%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7858, 16.5305, 17.6458 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 27.7858, 16.5305, 17.6458 by changing the saturation by 10% instead.


 27.7858, 16.5305,
17.6458


 27.7858, 16.5305,
17.6458


283.5406,
232.4521, 251.0357


 18.3039, 9.9003,
10.5292


 55.5533, 37.5168,
40.2386


 11.2694, 5.3329,
5.6410


 74.5696, 52.6416,
56.5519


 6.3170, 2.4439,
2.5628


 97.4948, 71.3668,
76.7678

 3.0812, 0.8483,
0.8732

 124.6941, 94.0768,
101.3048

 1.1969, 0.0000,
0.0000

 156.5330,
121.1559, 130.5816

 0.1039, 0.0000,
0.0000

193.3769,

 0.0000, 0.0000,

152.9886, 165.0167

0.0000

235.5909,
189.9592, 205.0285

■ 27.7858, 16.5305,
17.6458

■ 27.7858, 16.5305,
17.6458

■ 26.2575, 14.5053,
13.9571

■ 29.7944, 19.3703,
21.9454

■ 25.1605, 13.2020,
10.8449

■ 32.3231, 23.0987,
26.8853

■ 24.4205, 12.4786,
8.2660

■ 35.4088, 27.7844,
32.4938

■ 24.3260, 12.3903,
7.9240

■ 39.0843, 33.4884,
38.7967

■ 43.3801, 40.2667,
45.8187

■ 48.3242, 48.1711,
53.5829

■ 53.9432, 57.2502,
62.1113

■ 60.2619, 67.5497,
71.4251

■ 67.3039, 79.1126,
81.5445

Harmonies

Analogous

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



25.9841, 16.5305, 35.6560



27.7858, 16.5305, 17.6458



25.8109, 16.5305, 7.0792

Triad

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



27.7858, 16.5305, 17.6458



11.1914, 16.5305, 2.9970



11.3637, 16.5305, 55.6053

Complementary

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



27.7858, 16.5305, 17.6458



27.0648, 43.0013, 33.6650

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.



8.6649, 16.5305, 36.6359



27.7858, 16.5305, 17.6458



8.5817, 16.5305, 7.4149

Square

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



27.7858, 16.5305, 17.6458



15.5880, 16.5305, 1.9505



7.7672, 16.5305, 18.3567



15.8362, 16.5305, 63.6140

Rectangle

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



27.7858, 16.5305, 17.6458



22.8222, 16.5305, 3.7903



7.7672, 16.5305, 18.3567



10.2567, 16.5305, 49.9262

Sweetspot

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



27.7862, 16.5314, 17.6461



75.4265, 68.5213, 78.4103



23.1294, 13.3174, 54.1745



15.6773, 13.9286, 16.0221



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.



27.7862, 16.5314, 17.6461



46.0071, 24.7238, 22.2333



26.4463, 17.3195, 6.5079



10.8001, 10.7034, 11.9307



16.0384, 8.1649, 5.4122



0.7947, 0.4007, 0.4421

Inverse Universe

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



27.7862, 16.5314, 17.6461



46.0071, 24.7238, 22.2333



29.1021, 39.1295, 58.8420



10.8001, 10.7034, 11.9307



16.0384, 8.1649, 5.4122



0.7947, 0.4007, 0.4421

Previews

White Background



This preview shows how the XYZ color 27.7858, 16.5305, 17.6458 looks on a white background.

Color Contrast Check

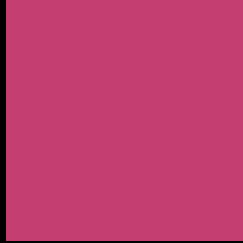
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7858, 16.5305, 17.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

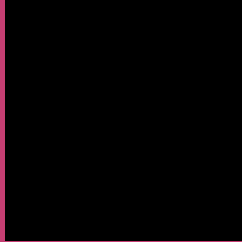
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.7858, 16.5305, 17.6458

Background



This preview shows how black text looks on a background with the XYZ color 27.7858, 16.5305, 17.6458.



This preview shows how white text looks on a background with the XYZ color 27.7858, 16.5305,

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

27.7858, 16.5305, 17.6458

Protanopia

16.9598, 16.9188, 29.1598

Deuteranopia

16.9822, 16.7254, 16.2432



Tritanopia

25.7714, 16.4838, 8.4800

Trichromacy



Original Color

27.7858, 16.5305, 17.6458

Protanomaly

18.9532, 15.2156, 24.4922

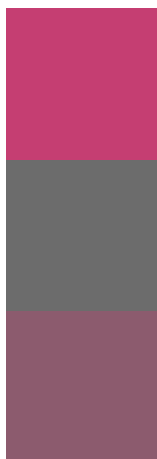
Deuteranomaly

19.6777, 15.6299, 16.7316

Tritanomaly

26.3760, 16.4576, 11.2377

Monochromacy



Original Color

27.7858, 16.5305, 17.6458

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.3708, 14.1834, 16.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7858, 16.5305, 17.6458 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(197, 62, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 62, 114)  
}
```

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(197, 62, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 62, 114) }
```

Border

The CSS property to change the border of an element to XYZ 27.7858, 16.5305, 17.6458 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(197, 62, 114) }
```


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

```
.border{ border-color:rgb(197, 62, 114) }
```

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

Here you see how a box with a 4 pixel rgb(197, 62, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 62, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 62, 114);  
box-shadow:4px 4px 4px 4px rgb(197, 62,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7858, 16.5305, 17.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 62, 114) }
```

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

```
.background{ background-color: rgb(197, 62,  
114) }
```

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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