

Converting Colors

XYZ(28.3692, 17.2164, 15.4635)

Have a look what the booklet for
XYZ(28.3692, 17.2164, 15.4635)
contains.

XYZ(28.3692, 17.2164, 15.4635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3692, 17.2164,
15.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	C8426A
RGB	200, 66, 106
RGB Percent	78%, 26%, 42%
CMY	0.2157, 0.7411, 0.5843
CMYK	0.00, 0.67, 0.47, 0.22
HSL	342°, 55%, 52%
HSV	342°, 67%, 78%
XYZ	28.3692, 17.2164, 15.4635
YIQ	110.6260, 67.0240, 40.8480

Conversions

Conversions Part 2

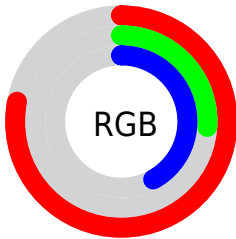
Format	Color
R_{YB}	200, 66, 106
Decimal	13124202
CIE _{Lab}	48.53, 56.00, 6.91
CIE _{LCh}	49, 56.421, 7.039
Yxy	17.2164, 0.4647, 0.2820
Android (android.graphics.Color)	4291314282 (0xFFC8426A)
YUV	110.6260, -2.2806, 78.3810
Hunter-Lab	41.4926, 49.4312, 6.9486

Details

The XYZ color **28.3692, 17.2164, 15.4635** 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 **29.2474, 45.0054, 40.4067**, and the grayscale version is **14.9949, 15.7758, 17.1798**.

A 20% lighter version of the original color is **54.2853, 37.6134, 36.2972**, and **11.7739, 5.9785, 4.6711** is the 20% darker color. If you saturate the color by 10%, you get **26.7272, 15.0062, 11.6061**, and if you desaturate by 10%, it is **30.5399, 20.2930, 20.0865**.

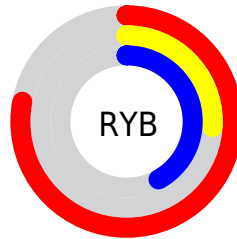
Distribution



Red (78%)

Green (26%)

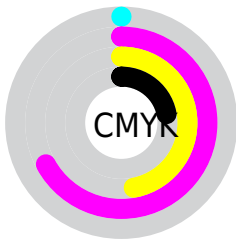
Blue (42%)



Red (78%)

Yellow (26%)

Blue (42%)

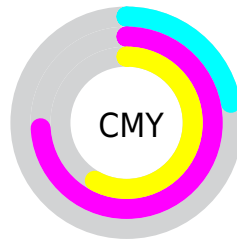


Cyan (0%)

Magenta (67%)

Yellow (47%)

Black (22%)



Cyan (22%)


Magenta (74%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3692, 17.2164, 15.4635 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 28.3692, 17.2164, 15.4635 by changing the saturation by 10% instead.


 28.3692, 17.2164,
15.4635


 28.3692, 17.2164,
15.4635


286.2751,
236.4164, 237.8914


 18.7460, 10.3889,
8.9951


 56.4779, 38.6975,
36.4180


 11.5898, 5.6576,
4.6412


 75.6941, 54.1198,
51.7412


 6.5352, 2.6380,
1.9833


 98.8387, 73.1759,
70.8531

 3.2169, 0.9458,
0.5450

 126.2771, 96.2502,
94.1721

 1.2695, 0.0000,
0.0000

 158.3745,
123.7269, 122.1170

 0.1602, 0.0000,
0.0000

195.4965,

 0.0000, 0.0000,

155.9906, 155.1061

0.0000

238.0082,
193.4256, 193.5581

■ 28.3692, 17.2164,
15.4635

■ 28.3692, 17.2164,
15.4635

■ 26.7272, 15.0062,
11.6061

■ 30.5399, 20.2930,
20.0865

■ 25.5620, 13.5677,
8.4678

■ 33.2817, 24.3120,
25.5154

■ 24.8075, 12.7789,
5.9959

■ 36.6339, 29.3442,
31.7885

■ 24.6270, 12.6024,
5.3671

■ 40.6321, 35.4526,
38.9412

■ 45.3088, 42.6954,
47.0070

■ 50.6945, 51.1263,
56.0173

■ 56.8176, 60.7958,
66.0021

■ 63.7050, 71.7513,
76.9900

■ 71.3824, 84.0377,
89.0084

Harmonies

Analogous

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



27.3514, 17.2164, 32.2163



28.3692, 17.2164, 15.4635



25.6684, 17.2164, 6.2805

Triad

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



28.3692, 17.2164, 15.4635



11.0686, 17.2164, 3.9531



12.7785, 17.2164, 59.1732

Complementary

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



28.3692, 17.2164, 15.4635



29.2474, 45.0054, 40.4067

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.



9.6328, 17.2164, 41.7054



28.3692, 17.2164, 15.4635



8.8008, 17.2164, 9.6765

Square

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



28.3692, 17.2164, 15.4635



15.1734, 17.2164, 2.2974



8.3371, 17.2164, 22.4624



17.6146, 17.2164, 63.6825

Rectangle

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



28.3692, 17.2164, 15.4635



22.4011, 17.2164, 3.5548



8.3371, 17.2164, 22.4624



11.5220, 17.2164, 54.2982

Sweetspot

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



28.3697, 17.2173, 15.4638



75.6483, 69.5719, 76.6127



26.8318, 15.5207, 56.2252



15.6958, 14.1227, 15.5434



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.



28.3697, 17.2173, 15.4638



45.3422, 24.7950, 17.6925



28.7004, 20.4676, 7.5935



10.7620, 10.6882, 11.7298



15.6935, 8.0270, 3.5960



0.7756, 0.3931, 0.3412

Inverse Universe

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



28.3697, 17.2173, 15.4638



45.3422, 24.7950, 17.6925



27.6549, 35.2932, 59.9983



10.7620, 10.6882, 11.7298



15.6935, 8.0270, 3.5960



0.7756, 0.3931, 0.3412

Previews

White Background



This preview shows how the XYZ color 28.3692, 17.2164, 15.4635 looks on a white background.

Color Contrast Check

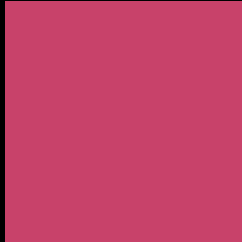
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3692, 17.2164, 15.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

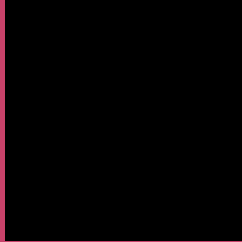
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.3692, 17.2164, 15.4635

Background



This preview shows how black text looks on a background with the XYZ color 28.3692, 17.2164, 15.4635.

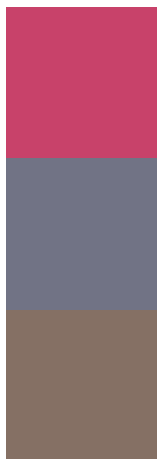


This preview shows how white text looks on a background with the XYZ color 28.3692, 17.2164,

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

28.3692, 17.2164, 15.4635

Protanopia

17.1744, 17.4656, 24.6563

Deuteranopia

17.7673, 17.4950, 14.4970



Tritanopia

26.9456, 17.1763, 8.9163

Trichromacy



Original Color

28.3692, 17.2164, 15.4635

Protanomaly

19.5269, 15.9992, 20.7979

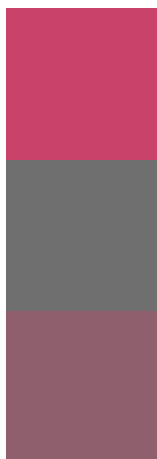
Deuteranomaly

20.3951, 16.3118, 14.6439

Tritanomaly

27.5048, 17.2270, 11.1080

Monochromacy



Original Color

28.3692, 17.2164, 15.4635

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.1802, 15.1282, 16.4298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3692, 17.2164, 15.4635 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(200, 66, 106)` looks like.

```
.text, #text, p{  
    color:rgb(200, 66, 106)  
}
```

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(200, 66, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 66, 106) }
```

Border

The CSS property to change the border of an element to XYZ 28.3692, 17.2164, 15.4635 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(200, 66, 106) }
```


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

```
.border{ border-color:rgb(200, 66, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 66, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 66, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 66, 106);  
box-shadow:4px 4px 4px 4px rgb(200, 66,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3692, 17.2164, 15.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 66, 106) }
```

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

```
.background{ background-color: rgb(200, 66,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor