

Converting Colors

XYZ(28.7353, 17.0592, 13.0659)

Have a look what the booklet for
XYZ(28.7353, 17.0592, 13.0659)
contains.

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Color

**XYZ(28.7283, 17.0379,
13.0838)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3D61
RGB	204, 61, 97
RGB Percent	80%, 24%, 38%
CMY	0.2000, 0.7607, 0.6196
CMYK	0.00, 0.70, 0.52, 0.20
HSL	345°, 58%, 52%
HSV	345°, 70%, 80%
XYZ	28.7283, 17.0379, 13.0838
YIQ	107.8610, 73.6720, 41.5120

Conversions

Conversions Part 2

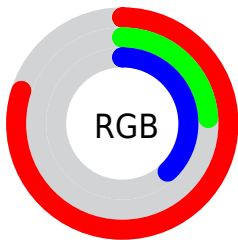
Format	Color
R_{YB}	204, 61, 97
Decimal	13385057
CIE _{Lab}	48.31, 58.36, 12.18
CIE _{LCh}	48, 59.622, 11.790
Yxy	17.0379, 0.4882, 0.2895
Android (android.graphics.Color)	4291575137 (0xFFCC3D61)
YUV	107.8610, -5.3545, 84.3139
Hunter-Lab	41.2770, 51.9992, 10.1004

Details

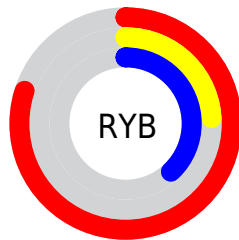
The XYZ color **28.7283, 17.0379, 13.0838** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **30.5865, 47.0055, 44.5106**, and the grayscale version is **14.2159, 14.9563, 16.2874**.

A 20% lighter version of the original color is **52.9849, 36.3235, 31.8223**, and **12.0991, 6.1683, 3.6849** is the 20% darker color. If you saturate the color by 10%, you get **27.1942, 15.0015, 9.3922**, and if you desaturate by 10%, it is **30.8142, 19.9589, 17.6353**.

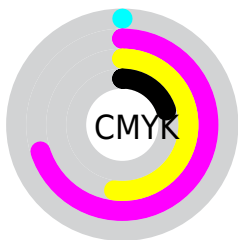
Distribution



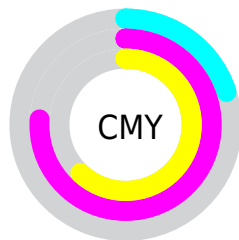
- Red (80%)
- Green (24%)
- Blue (38%)



- Red (80%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (70%)
- Yellow (52%)
- Black (20%)





- Cyan (20%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7283, 17.0379, 13.0838 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 28.7283, 17.0379, 13.0838 by changing the saturation by 10% instead.

 28.7283, 17.0379,
13.0838

 28.7283, 17.0379,
13.0838


287.9482,
235.3907, 222.6807


 19.0186, 10.2615,
7.3549


 57.0457, 38.3909,
32.1476


 11.7878, 5.5727,
3.6032


 76.3841, 53.7364,
46.3196


 6.6705, 2.5870,
1.4103


 99.6628, 72.7069,
64.1431

 3.3014, 0.9202,
0.1497

 127.2472, 95.6870,
86.0365

 1.3151, 0.0000,
0.0000

 159.5025,
123.0611, 112.4184

 0.1945, 0.0000,
0.0000

196.7943,

 0.0000, 0.0000,

155.2134, 143.7074

0.0000

239.4877,
192.5285, 180.3220

■ 28.7283, 17.0379,
13.0838

■ 28.7283, 17.0379,
13.0838

■ 27.1942, 15.0015,
9.3922

■ 30.8142, 19.9589,
17.6353

■ 26.1530, 13.7440,
6.5017

■ 33.4999, 23.8487,
23.0982

■ 25.5071, 13.0795,
4.3526

■ 36.8295, 28.7847,
29.5206

■ 40.8425, 34.8357,
36.9468

■ 45.5750, 42.0646,
45.4182

■ 51.0608, 50.5296,
54.9741

■ 57.3312, 60.2850,
65.6513

■ 64.4159, 71.3818,
77.4851

■ 72.3430, 83.8685,
90.5092

Harmonies

Analogous

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



28.2867, 17.0379, 29.5634



28.7283, 17.0379, 13.0838



25.3016, 17.0379, 4.9009

Triad

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



28.7283, 17.0379, 13.0838



10.1808, 17.0379, 3.9884



13.1430, 17.0379, 63.9736

Complementary

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



28.7283, 17.0379, 13.0838



30.5865, 47.0055, 44.5106

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.



9.5855, 17.0379, 46.4953



28.7283, 17.0379, 13.0838



8.1577, 17.0379, 10.6826

Square

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



28.7283, 17.0379, 13.0838



14.1514, 17.0379, 1.9708



7.9674, 17.0379, 25.3626



18.4243, 17.0379, 65.9742

Rectangle

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



28.7283, 17.0379, 13.0838



21.6529, 17.0379, 2.7019



7.9674, 17.0379, 25.3626



11.7396, 17.0379, 59.3948

Sweetspot

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



28.7287, 17.0389, 13.0841



74.4883, 68.1461, 73.4696



28.2667, 15.7909, 58.6848



15.4566, 13.8403, 14.8600



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.



28.7287, 17.0389, 13.0841



44.0787, 23.6531, 13.0011



29.7804, 21.2464, 6.9475



11.3262, 11.2592, 12.2526



16.0865, 8.2452, 2.9080



0.8613, 0.4379, 0.3156

Inverse Universe

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



28.7287, 17.0389, 13.0841



44.0787, 23.6531, 13.0011



27.3182, 34.3402, 62.3152



11.3262, 11.2592, 12.2526



16.0865, 8.2452, 2.9080



0.8613, 0.4379, 0.3156

Previews

White Background



This preview shows how the XYZ color 28.7283, 17.0379, 13.0838 looks on a white background.

Color Contrast Check

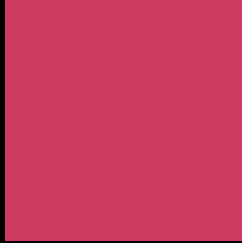
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7283, 17.0379, 13.0838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

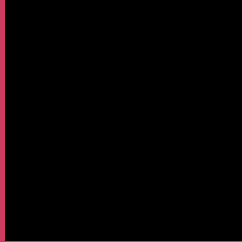
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.7283, 17.0379, 13.0838

Background



This preview shows how black text looks on a background with the XYZ color 28.7283, 17.0379, 13.0838.



This preview shows how white text looks on a background with the XYZ color 28.7283, 17.0379,

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

28.7283, 17.0379, 13.0838

Protanopia

16.9026, 17.3870, 21.8672

Deuteranopia

17.5216, 17.2580, 12.0805



Tritanopia

27.7412, 17.1530, 7.6431

Trichromacy



Original Color

28.7283, 17.0379, 13.0838

Protanomaly

19.2193, 15.6253, 18.2227

Deuteranomaly

20.3873, 16.0926, 12.3876

Tritanomaly

27.9669, 17.0563, 9.4076

Monochromacy



Original Color

28.7283, 17.0379, 13.0838

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.5675, 14.3213, 14.9351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7283, 17.0379, 13.0838 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, 61, 97)` looks like.

```
.text, #text, p{  
    color:rgb(204, 61, 97)  
}
```

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, 61, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 61, 97) }
```

Border

The CSS property to change the border of an element to XYZ 28.7283, 17.0379, 13.0838 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, 61, 97) }
```


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

```
.border{ border-color:rgb(204, 61, 97) }
```

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

Here you see how a box with a 4 pixel rgb(204, 61, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 61, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 61, 97);  
box-shadow:4px 4px 4px 4px rgb(204, 61,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7283, 17.0379, 13.0838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 61, 97) }
```

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

```
.background{ background-color: rgb(204, 61,  
97) }
```

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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