

Converting Colors

XYZ(28.3840, 14.4273, 10.5981)

Have a look what the booklet for
XYZ(28.3840, 14.4273, 10.5981)
contains.

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Color

**XYZ(28.3398, 14.4062,
10.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	D20058
RGB	210, 0, 88
RGB Percent	82%, 0%, 35%
CMY	0.1765, 0.9998, 0.6549
CMYK	0.00, 1.00, 0.58, 0.18
HSL	335°, 100%, 41%
HSV	335°, 100%, 82%
XYZ	28.3398, 14.4062, 10.5195
YIQ	72.8220, 96.9120, 71.8880

Conversions

Conversions Part 2

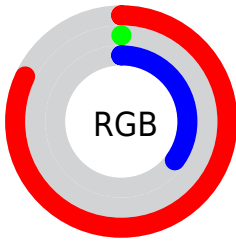
Format	Color
R_{YB}	210, 0, 88
Decimal	13762648
CIE _{Lab}	44.81, 71.92, 13.07
CIE _{LCh}	45, 73.100, 10.302
Yxy	14.4062, 0.5320, 0.2705
Android (android.graphics.Color)	4291952728 (0xFFD20058)
YUV	72.8220, 7.4828, 120.3051
Hunter-Lab	37.9555, 66.8564, 10.1364

Details

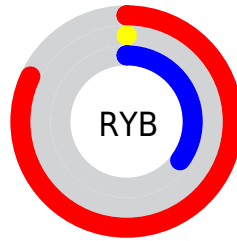
The XYZ color **28.3398, 14.4062, 10.5195** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **26.5625, 47.4995, 26.1942**, and the grayscale version is **6.2814, 6.6085, 7.1966**.

A 20% lighter version of the original color is **49.3277, 30.2109, 26.8983**, and **12.6488, 6.4703, 2.8677** is the 20% darker color. If you saturate the color by 10%, you get **28.3387, 14.4058, 10.5142**, and if you desaturate by 10%, it is **29.1572, 15.1635, 13.4981**.

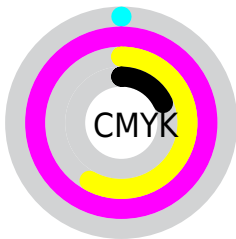
Distribution



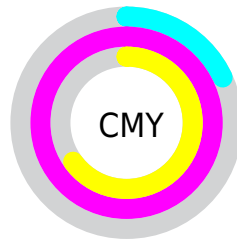
- Red (82%)
- Green (0%)
- Blue (35%)



- Red (82%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3398, 14.4062, 10.5195 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 28.3398, 14.4062, 10.5195 by changing the saturation by 10% instead.


 28.3398, 14.4062,
10.5195


 28.3398, 14.4062,
10.5195


286.1378,
219.7434, 204.9584


 18.7237, 8.4037,
5.6347


 56.4314, 33.8081,
27.3911


 11.5736, 4.3544,
2.5591


 75.6375, 47.9762,
40.2149


 6.5242, 1.8737,
0.8712


 98.7711, 65.6351,
56.5221

 3.2100, 0.5325,
0.0000

 126.1975, 87.1690,
76.7313

 1.2658, 0.0000,
0.0000

 158.2820,
112.9624, 101.2610

 0.1574, 0.0000,
0.0000

 195.3900,

 0.0000, 0.0000,

143.3997, 130.5297

0.0000

237.8868,
178.8652, 164.9560

■ 28.3398, 14.4062,
10.5195

■ 28.3398, 14.4062,
10.5195

■ 28.3387, 14.4058,
10.5142

■ 29.1572, 15.1635,
13.4981

■ 30.3549, 16.5394,
17.0403

■ 32.0347, 18.7319,
21.1980

■ 34.2535, 21.8494,
26.0074

■ 37.0599, 25.9836,
31.5009

■ 40.4964, 31.2148,
37.7081

■ 44.6017, 37.6153,
44.6567

■ 49.4111, 45.2513,
52.3726

■ 54.9573, 54.1837,
60.8803

Harmonies

Analogous

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



27.5583, 14.4062, 29.5472



28.3398, 14.4062, 10.5195



24.4197, 14.4062, 2.5959

Triad

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



28.3398, 14.4062, 10.5195



7.5389, 14.4062, 1.6106



10.1829, 14.4062, 71.2888

Complementary

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



28.3398, 14.4062, 10.5195



26.5625, 47.4995, 26.1942

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.



6.6822, 14.4062, 47.9169



28.3398, 14.4062, 10.5195



5.4910, 14.4062, 7.0224

Square

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



28.3398, 14.4062, 10.5195



11.7443, 14.4062, 0.3731



5.2311, 14.4062, 22.3156



15.8454, 14.4062, 75.1738

Rectangle

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



28.3398, 14.4062, 10.5195



20.1887, 14.4062, 0.9620



5.2311, 14.4062, 22.3156



8.7651, 14.4062, 64.9313

Sweetspot

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



28.3402, 14.4071, 10.5197



68.9614, 57.9807, 68.8883



19.2435, 8.5773, 61.6139



14.1549, 11.4612, 13.7342



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.



28.3402, 14.4071, 10.5197



43.8848, 22.3179, 15.8573



26.7360, 14.0168, 1.2976



12.0112, 11.8892, 13.3350



17.3339, 8.8064, 6.6647



1.0084, 0.5081, 0.5790

Inverse Universe

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



28.3402, 14.4071, 10.5197



43.8848, 22.3179, 15.8573



31.3738, 44.1344, 67.8377



12.0112, 11.8892, 13.3350



17.3339, 8.8064, 6.6647



1.0084, 0.5081, 0.5790

Previews

White Background



This preview shows how the XYZ color 28.3398, 14.4062, 10.5195 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 28.3398, 14.4062, 10.5195 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 28.3398, 14.4062, 10.5195

Background



This preview shows how black text looks on a background with the XYZ color 28.3398, 14.4062, 10.5195.



This preview shows how white text looks on a background with the XYZ color 28.3398, 14.4062,

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

28.3398, 14.4062, 10.5195

Protanopia

14.8629, 15.0170, 22.5373

Deuteranopia

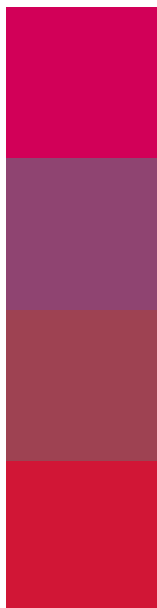
15.2637, 15.0543, 9.4984



Tritanopia

26.9022, 14.7275, 2.9382

Trichromacy



Original Color

28.3398, 14.4062, 10.5195

Protanomaly

16.3755, 11.1661, 16.9150

Deuteranomaly

17.5718, 11.7747, 9.3293

Tritanomaly

27.2473, 14.3955, 4.8325

Monochromacy



Original Color

28.3398, 14.4062, 10.5195

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.5205, 6.7150, 7.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3398, 14.4062, 10.5195 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(210, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(210, 0, 88)  
}
```

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(210, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 88) }
```

Border

The CSS property to change the border of an element to XYZ 28.3398, 14.4062, 10.5195 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(210, 0, 88) }
```


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

```
.border{ border-color:rgb(210, 0, 88) }
```

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

Here you see how a box with a 4 pixel rgb(210, 0, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.3398, 14.4062, 10.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 88) }
```

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

```
.background{ background-color: rgb(210, 0,  
88) }
```

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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