

Converting Colors

XYZ(29.2766, 17.4923, 10.1817)

Have a look what the booklet for
XYZ(29.2766, 17.4923, 10.1817)
contains.

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Color

**XYZ(29.3353, 17.4952,
10.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	D03E54
RGB	208, 62, 84
RGB Percent	82%, 24%, 33%
CMY	0.1843, 0.7568, 0.6706
CMYK	0.00, 0.70, 0.60, 0.18
HSL	351°, 61%, 53%
HSV	351°, 70%, 82%
XYZ	29.3353, 17.4952, 10.2183
YIQ	108.1620, 79.9540, 37.7940

Conversions

Conversions Part 2

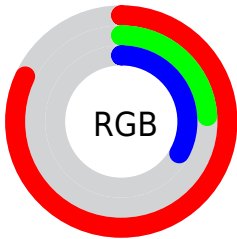
Format	Color
RYB	208, 62, 84
Decimal	13647444
CIELab	48.88, 58.25, 20.97
CIELCh	49, 61.913, 19.799
Yxy	17.4952, 0.5142, 0.3067
Android (android.graphics.Color)	4291837524 (0xFFD03E54)
YUV	108.1620, -11.9119, 87.5579
Hunter-Lab	41.8273, 51.9922, 14.7947

Details

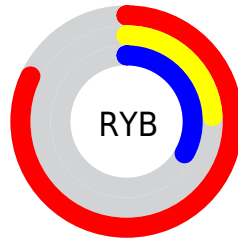
The XYZ color **29.3353, 17.4952, 10.2183** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **33.4068, 49.6816, 54.2878**, and the grayscale version is **14.3170, 15.0625, 16.4031**.

A 20% lighter version of the original color is **52.0705, 36.1471, 26.4230**, and **12.4156, 6.3562, 2.5800** is the 20% darker color. If you saturate the color by 10%, you get **27.8058, 15.4075, 6.7144**, and if you desaturate by 10%, it is **31.4728, 20.5199, 14.7860**.

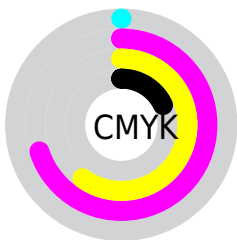
Distribution



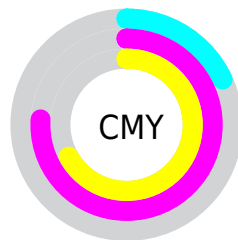
- Red (82%)
- Green (24%)
- Blue (33%)



- Red (82%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (60%)
- Black (18%)





- Cyan (18%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3353, 17.4952, 10.2183 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 29.3353, 17.4952, 10.2183 by changing the saturation by 10% instead.


 29.3353, 17.4952,
10.2183


 29.3353, 17.4952,
10.2183

290.7595,
238.0101, 202.7642


 19.4802, 10.5882,
5.4364


 58.0033, 39.1753,
26.8195


 12.1238, 5.7906,
2.4424


 77.5468, 54.7171,
39.4759


 6.9009, 2.7182,
0.8094


 101.0506, 73.9060,
55.5943

 3.4459, 0.9864,
0.0000

 128.8798, 97.1263,
75.5932

 1.3937, 0.0000,
0.0000

 161.4000,
124.7625, 99.8910

 0.2518, 0.0000,
0.0000

198.9764,

 0.0000, 0.0000,

157.1989, 128.9065

0.0000

241.9745,
194.8200, 163.0580

■ 29.3353, 17.4952,
10.2183

■ 29.3353, 17.4952,
10.2183

■ 27.8058, 15.4075,
6.7144

■ 31.4728, 20.5199,
14.7860

■ 26.8172, 14.1437,
4.1856

■ 34.2733, 24.5719,
20.4946

■ 26.2641, 13.5105,
2.5429

■ 37.7868, 29.7341,
27.4149

■ 42.0582, 36.0800,
35.6116

■ 47.1288, 43.6770,
45.1449

■ 53.0366, 52.5873,
56.0709

■ 59.8173, 62.8689,
68.4427

■ 67.5047, 74.5765,
82.3105

■ 76.1305, 87.7616,
97.7223

Harmonies

Analogous

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



30.0392, 17.4952, 25.2181



29.3353, 17.4952, 10.2183



24.8248, 17.4952, 3.6641

Triad

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



29.3353, 17.4952, 10.2183



9.5390, 17.4952, 5.0581



14.7484, 17.4952, 70.2177

Complementary

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



29.3353, 17.4952, 10.2183



33.4068, 49.6816, 54.2878

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.



10.4700, 17.4952, 54.8610



29.3353, 17.4952, 10.2183



7.9552, 17.4952, 13.9787

Square

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



29.3353, 17.4952, 10.2183



13.1611, 17.4952, 2.0966



8.2514, 17.4952, 31.8977



20.6573, 17.4952, 66.9993

Rectangle

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



29.3353, 17.4952, 10.2183



20.7415, 17.4952, 2.1140



8.2514, 17.4952, 31.8977



13.0990, 17.4952, 66.8241

Sweetspot

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



29.3357, 17.4962, 10.2186



73.8044, 67.8725, 69.8682



32.7960, 18.1497, 61.4490



15.2967, 13.7764, 14.0180



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.



29.3357, 17.4962, 10.2186



43.2308, 23.3140, 8.5364



32.5309, 25.0553, 7.6804



11.8803, 11.8369, 12.6454



16.3917, 8.4295, 1.7029



0.9402, 0.4808, 0.2197

Inverse Universe

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



29.3357, 17.4962, 10.2186



43.2308, 23.3140, 8.5364



25.8283, 30.4905, 64.1983



11.8803, 11.8369, 12.6454



16.3917, 8.4295, 1.7029



0.9402, 0.4808, 0.2197

Previews

White Background



This preview shows how the XYZ color 29.3353, 17.4952, 10.2183 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 29.3353, 17.4952, 10.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

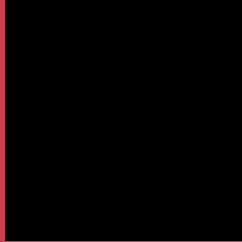
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3353, 17.4952, 10.2183

Background



This preview shows how black text looks on a background with the XYZ color 29.3353, 17.4952, 10.2183.



This preview shows how white text looks on a background with the XYZ color 29.3353, 17.4952,

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

29.3353, 17.4952, 10.2183

Protanopia

16.8909, 17.6599, 16.9864

Deuteranopia

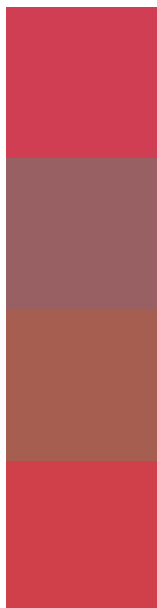
17.9489, 17.6996, 9.4915



Tritanopia

28.6658, 17.4633, 7.3287

Trichromacy



Original Color

29.3353, 17.4952, 10.2183

Protanomaly

19.6200, 16.0581, 14.1220

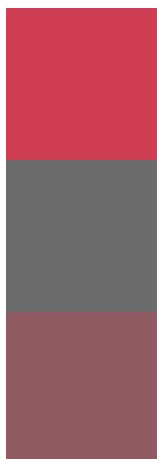
Deuteranomaly

20.9677, 16.5839, 9.6853

Tritanomaly

28.8016, 17.4266, 8.3242

Monochromacy



Original Color

29.3353, 17.4952, 10.2183

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.4948, 14.3123, 13.6449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3353, 17.4952, 10.2183 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(208, 62, 84)` looks like.

```
.text, #text, p{  
    color:rgb(208, 62, 84)  
}
```

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(208, 62, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 62, 84) }
```

Border

The CSS property to change the border of an element to XYZ 29.3353, 17.4952, 10.2183 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(208, 62, 84) }
```


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

```
.border{ border-color:rgb(208, 62, 84) }
```

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

Here you see how a box with a 4 pixel rgb(208, 62, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 62, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 62, 84);  
box-shadow:4px 4px 4px 4px rgb(208, 62,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3353, 17.4952, 10.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 62, 84) }
```

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

```
.background{ background-color: rgb(208, 62,  
84) }
```

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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