

Converting Colors

XYZ(29.3295, 19.3163, 9.9672)

Have a look what the booklet for
XYZ(29.3295, 19.3163, 9.9672)
contains.

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Color

**XYZ(29.3295, 19.3163,
9.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5151
RGB	204, 81, 81
RGB Percent	80%, 32%, 32%
CMY	0.2000, 0.6823, 0.6823
CMYK	0.00, 0.60, 0.60, 0.20
HSL	0°, 55%, 56%
HSV	0°, 60%, 80%
XYZ	29.3295, 19.3163, 9.9672
YIQ	117.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

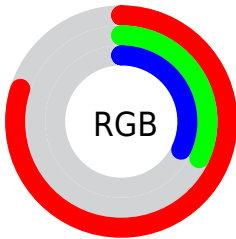
Format	Color
R_{YB}	204, 81, 81
Decimal	13390161
CIE _{Lab}	51.06, 48.85, 25.48
CIE _{LCh}	51, 55.090, 27.545
Yxy	19.3163, 0.5004, 0.3296
Android (android.graphics.Color)	4291580241 (0xFFCC5151)
YUV	117.7770, -18.1311, 75.6176
Hunter-Lab	43.9503, 42.2059, 17.3192

Details

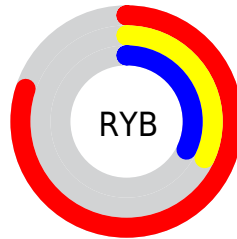
The XYZ color **29.3295, 19.3163, 9.9672** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.8837, 49.2915, 64.7495**, and the grayscale version is **17.1897, 18.0849, 19.6945**.

A 20% lighter version of the original color is **53.9332, 40.1997, 26.0358**, and **12.1264, 6.6695, 2.3173** is the 20% darker color. If you saturate the color by 10%, you get **27.3813, 16.4658, 6.0938**, and if you desaturate by 10%, it is **31.9636, 23.1712, 15.2030**.

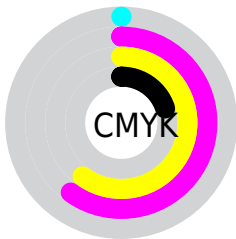
Distribution



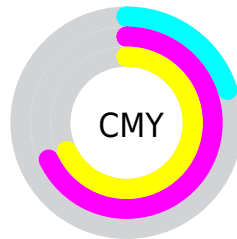
- Red (80%)
- Green (32%)
- Blue (32%)



- Red (80%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3295, 19.3163, 9.9672 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 29.3295, 19.3163, 9.9672 by changing the saturation by 10% instead.


 29.3295, 19.3163,
9.9672

 29.3295, 19.3163,
9.9672

290.7327,
248.1894, 200.9141


 19.4758, 11.8991,
5.2719


 57.9941, 42.2679,
26.3406

 12.1206, 6.6750,
2.3461


 77.5357, 58.5710,
38.8559


 6.8986, 3.2597,
0.7569


 101.0373, 78.6049,
54.8148

 3.4446, 1.2688,
0.0000

 128.8643,
102.7539, 74.6360

 1.3930, 0.1168,
0.0000

 161.3819,
131.4025, 98.7380

 0.2512, 0.0000,
0.0000

198.9557,

 0.0000, 0.0000,

164.9350, 127.5393

0.0000

241.9508,
203.7358, 161.4585

■ 29.3295, 19.3163,
9.9672

■ 29.3295, 19.3163,
9.9672

■ 27.3813, 16.4658,
6.0938

■ 31.9636, 23.1712,
15.2030

■ 26.0541, 14.5236,
3.4556

■ 35.3379, 28.1088,
21.9107

■ 25.2731, 13.3808,
1.9033

■ 39.5027, 34.2031,
30.1901

■ 24.9019, 12.8376,
1.1654

■ 44.5037, 41.5210,
40.1318

■ 50.3829, 50.1240,
51.8196

■ 57.1798, 60.0696,
65.3315

■ 64.9311, 71.4120,
80.7410

■ 73.6718, 84.2021,
98.1175

■ 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



30.9722, 19.3163, 22.3467



29.3295, 19.3163, 9.9672



24.5893, 19.3163, 4.4958

Triad

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



29.3295, 19.3163, 9.9672



10.8494, 19.3163, 8.6716



17.9135, 19.3163, 67.6404

Complementary

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



29.3295, 19.3163, 9.9672



35.8837, 49.2915, 64.7495

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.



13.2824, 19.3163, 57.9702



29.3295, 19.3163, 9.9672



9.7415, 19.3163, 19.7702

Square

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



29.3295, 19.3163, 9.9672



13.9201, 19.3163, 4.0509



10.5358, 19.3163, 38.2247



23.6548, 19.3163, 60.5394

Rectangle

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



29.3295, 19.3163, 9.9672



20.7182, 19.3163, 3.2154



10.5358, 19.3163, 38.2247



16.1871, 19.3163, 66.1695

Sweetspot

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



29.3300, 19.3174, 9.9675



75.5866, 71.5196, 70.2074



38.7433, 23.0819, 59.5398



15.6055, 14.4695, 13.8879



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.



29.3300, 19.3174, 9.9675



44.6696, 26.2788, 8.7467



36.1346, 32.9266, 12.2357



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



35.8837, 49.2915, 64.7495



56.4349, 80.0886, 107.0920



24.0401, 25.6042, 60.8016



11.5433, 12.7270, 14.4185



20.4493, 29.9225, 40.6541



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 29.3295, 19.3163, 9.9672 looks on a white 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

Black Background



This preview shows how the XYZ color 29.3295, 19.3163, 9.9672 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 29.3295, 19.3163, 9.9672

Background



This preview shows how black text looks on a background with the XYZ color 29.3295, 19.3163, 9.9672.



This preview shows how white text looks on a background with the XYZ color 29.3295, 19.3163,

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

29.3295, 19.3163, 9.9672

Protanopia

18.3701, 19.5467, 14.3600

Deuteranopia

19.8440, 19.5265, 9.3797



Tritanopia

29.4102, 19.2306, 10.7561

Trichromacy



Original Color

29.3295, 19.3163, 9.9672

Protanomaly

21.0941, 18.4562, 12.5758

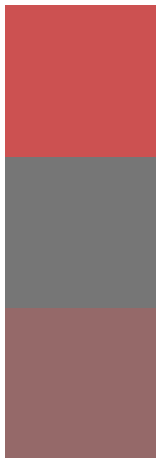
Deuteranomaly

22.4383, 18.7613, 9.4598

Tritanomaly

29.3707, 19.2148, 10.5483

Monochromacy



Original Color

29.3295, 19.3163, 9.9672

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.9958, 17.5126, 15.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3295, 19.3163, 9.9672 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, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(204, 81, 81)  
}
```

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, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 81, 81) }
```

Border

The CSS property to change the border of an element to XYZ 29.3295, 19.3163, 9.9672 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, 81, 81) }
```


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

```
.border{ border-color:rgb(204, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(204, 81,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3295, 19.3163, 9.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 81, 81) }
```

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

```
.background{ background-color: rgb(204, 81,  
81) }
```

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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