

Converting Colors

XYZ(29.0578, 19.2245, 10.0500)

Have a look what the booklet for
XYZ(29.0578, 19.2245, 10.0500)
contains.

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Color

**XYZ(29.0562, 19.1755,
9.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5151
RGB	203, 81, 81
RGB Percent	80%, 32%, 32%
CMY	0.2039, 0.6823, 0.6823
CMYK	0.00, 0.60, 0.60, 0.20
HSL	0°, 54%, 56%
HSV	0°, 60%, 80%
XYZ	29.0562, 19.1755, 9.9544
YIQ	117.4780, 72.7120, 25.8640

Conversions

Conversions Part 2

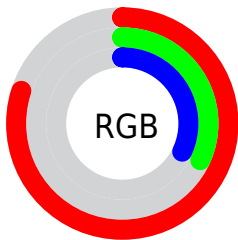
Format	Color
RYB	203, 81, 81
Decimal	13324625
CIELab	50.89, 48.50, 25.23
CIELCh	51, 54.669, 27.488
Yxy	19.1755, 0.4994, 0.3296
Android (android.graphics.Color)	4291514705 (0xFFCB5151)
YUV	117.4780, -17.9837, 75.0028
Hunter-Lab	43.7898, 41.8092, 17.1750

Details

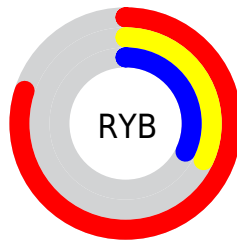
The XYZ color **29.0562, 19.1755, 9.9544** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **35.5268, 48.7692, 64.0404**, and the grayscale version is **17.0962, 17.9865, 19.5873**.

A 20% lighter version of the original color is **53.9332, 40.1997, 26.0358**, and **11.9728, 6.6203, 2.3159** is the 20% darker color. If you saturate the color by 10%, you get **27.1159, 16.3367, 6.0969**, and if you desaturate by 10%, it is **31.6757, 23.0090, 15.1610**.

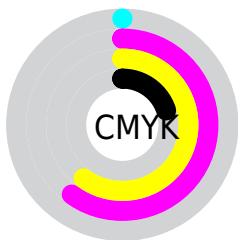
Distribution



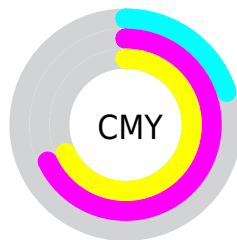
- Red (80%)
- Green (32%)
- Blue (32%)



- 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 29.0562, 19.1755, 9.9544 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 29.0562, 19.1755, 9.9544 by changing the saturation by 10% instead.


 29.0562, 19.1755,
9.9544


 29.0562, 19.1755,
9.9544


289.4695,
247.4159, 200.8193


 19.2678, 11.7972,
5.2635


 57.5633, 42.0304,
26.3162

 11.9691, 6.6057,
2.3413


 77.0128, 58.2758,
38.8241

 6.7947, 3.2168,
0.7542


 100.4133, 78.2457,
54.7749

 3.3792, 1.2459,
0.0000

 128.1302,
102.3244, 74.5870

 1.3573, 0.0987,
0.0000

 160.5290,
130.8964, 98.6789

 0.2255, 0.0000,
0.0000

197.9749,

 0.0000, 0.0000,

164.3461, 127.4692

0.0000

240.8332,
203.0578, 161.3765

■ 29.0562, 19.1755,
9.9544

■ 29.0562, 19.1755,
9.9544

■ 27.1159, 16.3367,
6.0969

■ 31.6757, 23.0090,
15.1610

■ 25.7910, 14.3978,
3.4631

■ 35.0277, 27.9140,
21.8247

■ 25.0077, 13.2515,
1.9063

■ 39.1622, 33.9639,
30.0437

■ 24.6285, 12.6967,
1.1526

■ 44.1239, 41.2244,
39.9074

■ 49.9546, 49.7563,
51.4986

■ 56.6929, 59.6163,
64.8943

■ 64.3753, 70.8578,
80.1669

■ 73.0363, 83.5312,
97.3849

■ 78.4384, 91.4364,
108.1226

Harmonies

Analogous

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



30.6687, 19.1755, 22.2075



29.0562, 19.1755, 9.9544



24.3850, 19.1755, 4.5160

Triad

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



29.0562, 19.1755, 9.9544



10.8067, 19.1755, 8.6411



17.7751, 19.1755, 66.8054

Complementary

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



29.0562, 19.1755, 9.9544



35.5268, 48.7692, 64.0404

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.



13.2022, 19.1755, 57.2581



29.0562, 19.1755, 9.9544



9.7066, 19.1755, 19.6043

Square

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



29.0562, 19.1755, 9.9544



13.8472, 19.1755, 4.0631



10.4891, 19.1755, 37.7999



23.4418, 19.1755, 59.8460

Rectangle

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



29.0562, 19.1755, 9.9544



20.5653, 19.1755, 3.2375



10.4891, 19.1755, 37.7999



16.0707, 19.1755, 65.3469

Sweetspot

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



29.0567, 19.1766, 9.9547



75.5867, 71.5198, 70.2074



38.3503, 22.8931, 58.8970



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.



29.0567, 19.1766, 9.9547



44.6697, 26.2790, 8.7468



35.7866, 32.6365, 12.1980



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.



35.5268, 48.7692, 64.0404



56.4344, 80.0877, 107.0918



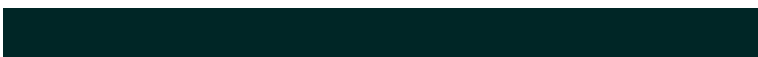
23.8458, 25.4071, 60.1467



11.5433, 12.7270, 14.4185



20.4490, 29.9220, 40.6540



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 29.0562, 19.1755, 9.9544 looks on a white background.

Color Contrast Check

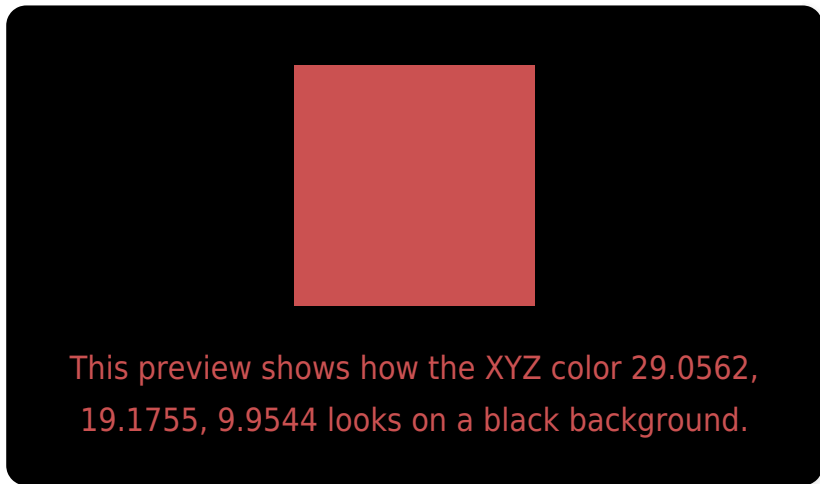
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 29.0562, 19.1755, 9.9544

Background



This preview shows how black text looks on a background with the XYZ color 29.0562, 19.1755, 9.9544.



This preview shows how white text looks on a background with the XYZ color 29.0562, 19.1755,

9.9544.

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

29.0562, 19.1755, 9.9544

Protanopia

18.2174, 19.4680, 14.3528

Deuteranopia

19.5480, 19.2018, 9.3326



Tritanopia

29.1370, 19.0897, 10.7433

Trichromacy



Original Color

29.0562, 19.1755, 9.9544

Protanomaly

20.8998, 18.3560, 12.5667

Deuteranomaly

22.1262, 18.4518, 9.4166

Tritanomaly

29.0975, 19.0739, 10.5355

Monochromacy



Original Color

29.0562, 19.1755, 9.9544

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.6617, 17.1960, 15.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0562, 19.1755, 9.9544 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(203, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 81, 81) }
```

Border

The CSS property to change the border of an element to XYZ 29.0562, 19.1755, 9.9544 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(203, 81, 81) }
```


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

```
.border{ border-color:rgb(203, 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(203, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(203, 81,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0562, 19.1755, 9.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 81, 81) }
```

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

```
.background{ background-color: rgb(203, 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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