

Converting Colors

XYZ(28.9431, 20.2079, 8.6795)

Have a look what the booklet for
XYZ(28.9431, 20.2079, 8.6795)
contains.

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Color

**XYZ(28.9462, 20.2109,
8.6788)**

Conversions

Conversions Part 1

Format	Color
Hex	C95A49
RGB	201, 90, 73
RGB Percent	79%, 35%, 29%
CMY	0.2118, 0.6470, 0.7137
CMYK	0.00, 0.55, 0.64, 0.21
HSL	8°, 54%, 54%
HSV	8°, 64%, 79%
XYZ	28.9462, 20.2109, 8.6788
YIQ	121.2510, 71.6130, 18.2450

Conversions

Conversions Part 2

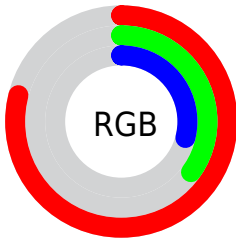
Format	Color
R_{YB}	201, 93, 73
Decimal	13195849
CIE _{Lab}	52.07, 42.97, 31.30
CIE _{LCh}	52, 53.162, 36.067
Yxy	20.2109, 0.5005, 0.3495
Android (android.graphics.Color)	4291385929 (0xFFC95A49)
YUV	121.2510, -23.7877, 69.9399
Hunter-Lab	44.9565, 36.2570, 20.0237

Details

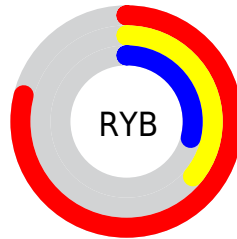
The XYZ color **28.9462, 20.2109, 8.6788** is a dark color, and the websafe version is hex **CC6666**, and the color name is **cedar chest**. The color can be described as dark muted red. A complement of this color would be **30.4295, 39.9119, 61.3581**, and the grayscale version is **18.3143, 19.2680, 20.9829**.

A 20% lighter version of the original color is **54.5753, 42.3101, 23.7026**, and **11.8557, 7.0697, 1.8383** is the 20% darker color. If you saturate the color by 10%, you get **27.0825, 17.3833, 5.2841**, and if you desaturate by 10%, it is **31.3709, 23.8162, 13.3229**.

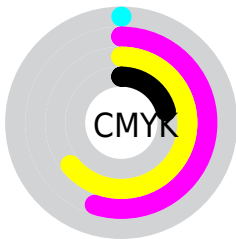
Distribution



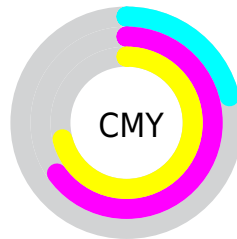
- Red (79%)
- Green (35%)
- Blue (29%)



- Red (79%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)
- Black (21%)





- Cyan (21%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9462, 20.2109, 8.6788 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 28.9462, 20.2109, 8.6788 by changing the saturation by 10% instead.


 28.9462, 20.2109,
8.6788


 28.9462, 20.2109,
8.6788


288.9598,
253.0546, 191.0923


 19.1842, 12.5484,
4.4383


 57.3897, 43.7705,
23.8466

 11.9083, 7.1183,
1.8688


 76.8020, 60.4364,
35.6110


 6.7530, 3.5362,
0.4727


 100.1617, 80.8723,
50.7204

 3.3531, 1.4177,
0.0000

 127.8343,
105.4625, 69.5934

 1.3431, 0.2297,
0.0000

 160.1850,
134.5914, 92.6486

 0.2151, 0.0000,
0.0000

197.5793,

 0.0000, 0.0000,

168.6435, 120.3045

0.0000

240.3824,
208.0031, 152.9795

■ 28.9462, 20.2109,
8.6788

■ 28.9462, 20.2109,
8.6788

■ 27.0825, 17.3833,
5.2841

■ 31.3709, 23.8162,
13.3229

■ 25.7323, 15.2726,
3.0159

■ 34.3959, 28.2475,
19.3216

■ 24.8422, 13.8140,
1.7278

■ 38.0588, 33.5532,
26.7699

■ 24.4725, 13.1879,
1.2557

■ 42.3934, 39.7769,
35.7542

■ 47.4313, 46.9593,
46.3539

■ 53.2021, 55.1385,
58.6429

■ 59.7335, 64.3508,
72.6908

■ 67.0519, 74.6305,
88.5630

■ 75.1825, 86.0102,
106.3216

Harmonies

Analogous

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



31.5755, 20.2109, 18.9948



28.9462, 20.2109, 8.6788



23.7645, 20.2109, 4.4283

Triad

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



28.9462, 20.2109, 8.6788



11.1596, 20.2109, 11.9680



20.3346, 20.2109, 67.1454

Complementary

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



28.9462, 20.2109, 8.6788



30.4295, 39.9119, 61.3581

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.



15.2778, 20.2109, 62.2149



28.9462, 20.2109, 8.6788



10.5854, 20.2109, 25.3203

Square

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



28.9462, 20.2109, 8.6788



13.6952, 20.2109, 5.6046



11.9456, 20.2109, 44.7226



26.0359, 20.2109, 56.1076

Rectangle

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



28.9462, 20.2109, 8.6788



19.9350, 20.2109, 3.6239



11.9456, 20.2109, 44.7226



18.5025, 20.2109, 67.3498

Sweetspot

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



28.9467, 20.2120, 8.6791



76.2385, 73.3250, 68.8784



35.3399, 20.7307, 48.6302



15.7983, 14.9524, 13.6521



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.



28.9467, 20.2120, 8.6791



45.4917, 28.4071, 7.5286



36.5074, 35.3334, 11.1994



10.7456, 10.8604, 11.0927



15.4261, 8.3694, 0.8024



0.7686, 0.4727, 0.0507

Inverse Universe

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



30.4295, 39.9119, 61.3581



48.0758, 64.3965, 104.5036



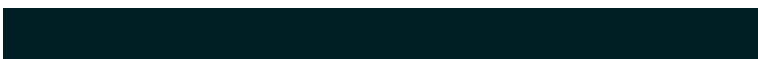
20.2581, 19.5691, 57.9676



10.8219, 11.8179, 13.6282



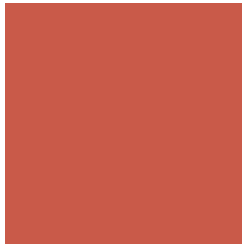
16.2301, 21.8542, 38.1072



0.8027, 1.1033, 1.8158

Previews

White Background



This preview shows how the XYZ color 28.9462, 20.2109, 8.6788 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 28.9462, 20.2109, 8.6788 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 28.9462, 20.2109, 8.6788

Background



This preview shows how black text looks on a background with the XYZ color 28.9462, 20.2109, 8.6788.



This preview shows how white text looks on a background with the XYZ color 28.9462, 20.2109,

8.6788.

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

28.9462, 20.2109, 8.6788

Protanopia

19.0050, 20.4900, 11.7574

Deuteranopia

20.7771, 20.3833, 8.3081



Tritanopia

29.7411, 20.1633, 12.6803

Trichromacy



Original Color

28.9462, 20.2109, 8.6788

Protanomaly

21.5774, 19.5534, 10.4215

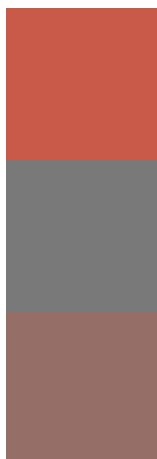
Deuteranomaly

23.0456, 19.7134, 8.3848

Tritanomaly

29.5266, 20.2079, 11.1484

Monochromacy



Original Color

28.9462, 20.2109, 8.6788

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.6523, 18.6354, 15.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9462, 20.2109, 8.6788 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(201, 90, 73)` looks like.

```
.text, #text, p{  
    color:rgb(201, 90, 73)  
}
```

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(201, 90, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 90, 73) }
```

Border

The CSS property to change the border of an element to XYZ 28.9462, 20.2109, 8.6788 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(201, 90, 73) }
```


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

```
.border{ border-color:rgb(201, 90, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 90, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 90, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 90, 73);  
box-shadow:4px 4px 4px 4px rgb(201, 90,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9462, 20.2109, 8.6788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 90, 73) }
```

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

```
.background{ background-color: rgb(201, 90,  
73) }
```

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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