

Converting Colors

XYZ(28.9993, 20.0981, 9.3721)

Have a look what the booklet for
XYZ(28.9993, 20.0981, 9.3721)
contains.

XYZ(28.9993, 20.0981, 9.3721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9993, 20.0981,
9.3721)**

Conversions

Conversions Part 1

Format	Color
Hex	C9594D
RGB	201, 89, 77
RGB Percent	79%, 35%, 30%
CMY	0.2118, 0.6510, 0.6980
CMYK	0.00, 0.56, 0.62, 0.21
HSL	6°, 53%, 55%
HSV	6°, 62%, 79%
XYZ	28.9993, 20.0981, 9.3721
YIQ	121.1200, 70.6040, 20.0120

Conversions

Conversions Part 2

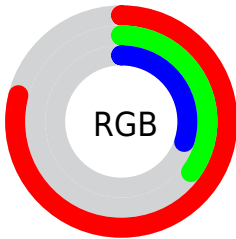
Format	Color
R_{YB}	201, 90, 77
Decimal	13195597
CIE _{Lab}	51.95, 43.73, 28.85
CIE _{LCh}	52, 52.383, 33.413
Yxy	20.0981, 0.4960, 0.3437
Android (android.graphics.Color)	4291385677 (0xFFC9594D)
YUV	121.1200, -21.7512, 70.0548
Hunter-Lab	44.8309, 37.0104, 18.9868

Details

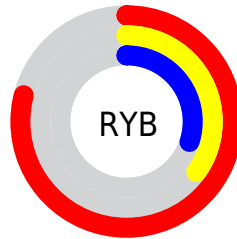
The XYZ color **28.9993, 20.0981, 9.3721** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.7993, 42.1871, 61.7249**, and the grayscale version is **18.2656, 19.2169, 20.9272**.

A 20% lighter version of the original color is **54.6789, 42.1124, 24.9853**, and **11.8761, 7.0288, 2.0972** is the 20% darker color. If you saturate the color by 10%, you get **27.0672, 17.1997, 5.7512**, and if you desaturate by 10%, it is **31.5241, 23.8313, 14.2724**.

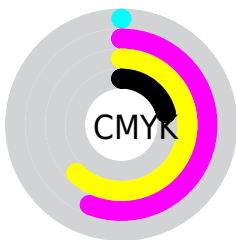
Distribution



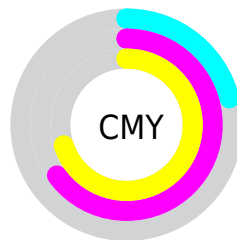
- Red (79%)
- Green (35%)
- Blue (30%)



- Red (79%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (56%)
- Yellow (62%)
- Black (21%)





- Cyan (21%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9993, 20.0981, 9.3721 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 28.9993, 20.0981, 9.3721 by changing the saturation by 10% instead.


 28.9993, 20.0981,
9.3721


 28.9993, 20.0981,
9.3721


289.2059,
252.4457, 196.4491


 19.2246, 12.4664,
4.8846


 57.4735, 43.5816,
25.1967


 11.9376, 7.0621,
2.1221


 76.9038, 60.2022,
37.3708


 6.7731, 3.5010,
0.6289


 100.2832, 80.5878,
52.9442

 3.3657, 1.3985,
0.0000

 127.9772,
105.1229, 72.3354

 1.3500, 0.2156,
0.0000

 160.3511,
134.1918, 95.9629

 0.2201, 0.0000,
0.0000

197.7703,

 0.0000, 0.0000,

168.1790, 124.2454

0.0000

240.6001,
207.4688, 157.6013

■ 28.9993, 20.0981,
9.3721

■ 28.9993, 20.0981,
9.3721

■ 27.0672, 17.1997,
5.7512

■ 31.5241, 23.8313,
14.2724

■ 25.6775, 15.0686,
3.2891

■ 34.6834, 28.4535,
20.5557

■ 24.7738, 13.6325,
1.8437

■ 38.5171, 34.0181,
28.3163

■ 24.3280, 12.8989,
1.2075

■ 43.0612, 40.5732,
37.6398

■ 48.3491, 48.1639,
48.6054

■ 54.4123, 56.8323,
61.2868

■ 61.2802, 66.6182,
75.7532

■ 68.9809, 77.5595,
92.0701

■ 77.0705, 89.5040,
107.8217

Harmonies

Analogous

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



31.2698, 20.0981, 20.1819



28.9993, 20.0981, 9.3721



24.0670, 20.0981, 4.7302

Triad

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



28.9993, 20.0981, 9.3721



11.3245, 20.0981, 11.1993



19.7194, 20.0981, 66.2112

Complementary

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



28.9993, 20.0981, 9.3721



31.7993, 42.1871, 61.7249

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.



14.8727, 20.0981, 60.0297



28.9993, 20.0981, 9.3721



10.5890, 20.0981, 23.6780

Square

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



28.9993, 20.0981, 9.3721



13.9960, 20.0981, 5.3880



11.7606, 20.0981, 42.3552



25.3211, 20.0981, 56.6697

Rectangle

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



28.9993, 20.0981, 9.3721



20.3027, 20.0981, 3.7575



11.7606, 20.0981, 42.3552



17.9508, 20.0981, 65.9152

Sweetspot

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



28.9998, 20.0992, 9.3724



75.8018, 72.4515, 68.7328



36.1084, 21.4722, 51.3392



15.6950, 14.7458, 13.6177



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.



28.9998, 20.0992, 9.3724



45.4471, 28.0865, 8.2267



36.2271, 34.5538, 11.7815



10.7151, 10.7994, 11.0825



15.3276, 8.1724, 0.7696



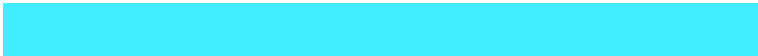
0.7546, 0.4447, 0.0461

Inverse Universe

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



31.7993, 42.1871, 61.7249



50.5229, 68.8003, 105.2247



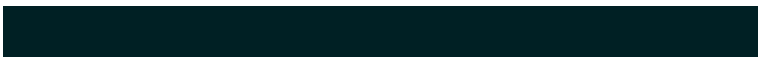
21.4096, 21.4078, 58.2616



10.8556, 11.8852, 13.6394



17.1245, 23.6430, 38.4054



0.8370, 1.1717, 1.8272

Previews

White Background



This preview shows how the XYZ color 28.9993, 20.0981, 9.3721 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 28.9993, 20.0981, 9.3721 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 28.9993, 20.0981, 9.3721

Background



This preview shows how black text looks on a background with the XYZ color 28.9993, 20.0981, 9.3721.



This preview shows how white text looks on a background with the XYZ color 28.9993, 20.0981,

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

28.9993, 20.0981, 9.3721

Protanopia

18.9275, 20.2390, 12.8065

Deuteranopia

20.7154, 20.3369, 8.9645



Tritanopia

29.7411, 20.1633, 12.6803

Trichromacy



Original Color

28.9993, 20.0981, 9.3721

Protanomaly

21.4647, 19.3099, 11.4000

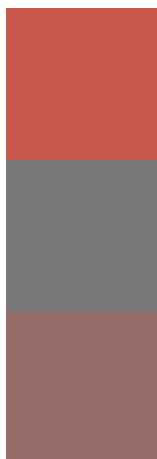
Deuteranomaly

23.1762, 19.7656, 9.0722

Tritanomaly

29.5671, 20.2241, 11.3621

Monochromacy



Original Color

28.9993, 20.0981, 9.3721

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.5961, 18.4412, 15.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9993, 20.0981, 9.3721 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, 89, 77)` looks like.

```
.text, #text, p{  
    color:rgb(201, 89, 77)  
}
```

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, 89, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 89, 77) }
```

Border

The CSS property to change the border of an element to XYZ 28.9993, 20.0981, 9.3721 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, 89, 77) }
```


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

```
.border{ border-color:rgb(201, 89, 77) }
```

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

Here you see how a box with a 4 pixel rgb(201, 89, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 89, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 89, 77);  
box-shadow:4px 4px 4px 4px rgb(201, 89,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9993, 20.0981, 9.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 89, 77) }
```

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

```
.background{ background-color: rgb(201, 89,  
77) }
```

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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