

Converting Colors

XYZ(29.3840, 20.9443, 9.8632)

Have a look what the booklet for
XYZ(29.3840, 20.9443, 9.8632)
contains.

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Color

**XYZ(29.5014, 20.9874,
9.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	C95E4F
RGB	201, 94, 79
RGB Percent	79%, 37%, 31%
CMY	0.2118, 0.6313, 0.6902
CMYK	0.00, 0.53, 0.61, 0.21
HSL	7°, 53%, 55%
HSV	7°, 61%, 79%
XYZ	29.5014, 20.9874, 9.8932
YIQ	124.2830, 68.5870, 18.0190

Conversions

Conversions Part 2

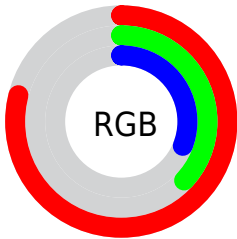
Format	Color
R_{YB}	201, 96, 79
Decimal	13196879
CIE _{Lab}	52.94, 41.40, 28.94
CIE _{LCh}	53, 50.513, 34.957
Yxy	20.9874, 0.4886, 0.3476
Android (android.graphics.Color)	4291386959 (0xFFC95E4F)
YUV	124.2830, -22.3245, 67.2808
Hunter-Lab	45.8120, 34.7770, 19.2646

Details

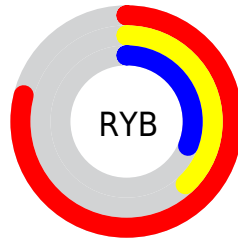
The XYZ color **29.5014, 20.9874, 9.8932** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.3248, 40.9947, 61.5199**, and the grayscale version is **19.3094, 20.3150, 22.1231**.

A 20% lighter version of the original color is **55.5700, 43.6859, 25.9254**, and **12.2720, 7.5222, 2.3185** is the 20% darker color. If you saturate the color by 10%, you get **27.4848, 17.9534, 6.1410**, and if you desaturate by 10%, it is **32.0982, 24.8280, 14.9302**.

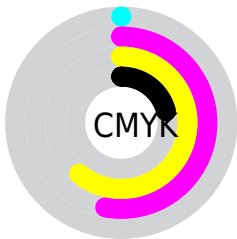
Distribution



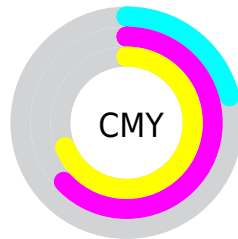
- Red (79%)
- Green (37%)
- Blue (31%)



- Red (79%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (53%)
- Yellow (61%)
- Black (21%)





- Cyan (21%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5014, 20.9874, 9.8932 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 29.5014, 20.9874, 9.8932 by changing the saturation by 10% instead.


 29.5014, 20.9874,
9.8932


 29.5014, 20.9874,
9.8932


291.5251,
257.2115, 200.3652


 19.6066, 13.1148,
5.2235


 58.2648, 45.0666,
26.1991

 12.2160, 7.5076,
2.3180


 77.8642, 62.0419,
38.6724


 6.9642, 3.7816,
0.7413


 101.4292, 82.8203,
54.5840

 3.4859, 1.5521,
0.0000

 129.3251,
107.7861, 74.3524

 1.4156, 0.3250,
0.0000

 161.9172,
137.3237, 98.3962

 0.2673, 0.0000,
0.0000

199.5711,

 0.0000, 0.0000,

171.8176, 127.1339

0.0000

242.6519,
211.6521, 160.9840

■ 29.5014, 20.9874,
9.8932

■ 29.5014, 20.9874,
9.8932

■ 27.4848, 17.9534,
6.1410

■ 32.0982, 24.8280,
14.9302

■ 26.0014, 15.6650,
3.5554

■ 35.3140, 29.5238,
21.3535

■ 24.9995, 14.0579,
1.9986

■ 39.1861, 35.1235,
29.2556

■ 24.4290, 13.1009,
1.2412

■ 43.7484, 41.6711,
38.7210

■ 49.0324, 49.2078,
49.8276

■ 55.0677, 57.7723,
62.6480

■ 61.8822, 67.4013,
77.2507

■ 69.5023, 78.1297,
93.7002

■ 77.1541, 89.6710,
107.8495

Harmonies

Analogous

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



31.8966, 20.9874, 20.4255



29.5014, 20.9874, 9.8932



24.5716, 20.9874, 5.3144

Triad

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



29.5014, 20.9874, 9.8932



12.0777, 20.9874, 12.6043



20.8399, 20.9874, 65.9029

Complementary

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



29.5014, 20.9874, 9.8932



31.3248, 40.9947, 61.5199

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.



15.9440, 20.9874, 60.7165



29.5014, 20.9874, 9.8932



11.4323, 20.9874, 25.4628

Square

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



29.5014, 20.9874, 9.8932



14.6683, 20.9874, 6.3245



12.7178, 20.9874, 43.9401



26.3630, 20.9874, 56.0139

Rectangle

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



29.5014, 20.9874, 9.8932



20.8556, 20.9874, 4.3818



12.7178, 20.9874, 43.9401



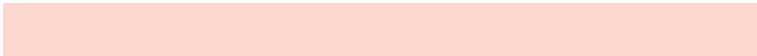
19.0669, 20.9874, 65.8951

Sweetspot

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



29.5019, 20.9885, 9.8936



76.9967, 74.3398, 70.6774



35.8280, 21.5874, 49.1612



15.9411, 15.1406, 13.9997



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.



29.5019, 20.9885, 9.8936



46.1147, 29.2982, 8.8304



37.0928, 36.1703, 12.4239



10.7372, 10.8436, 11.0899



15.3967, 8.3106, 0.7926



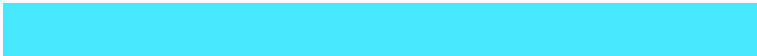
0.7648, 0.4650, 0.0494

Inverse Universe

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



31.3248, 40.9947, 61.5199



49.3795, 66.2516, 104.7930



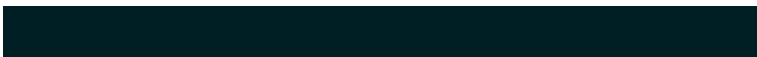
21.1982, 20.7415, 58.1444



10.8311, 11.8363, 13.6313



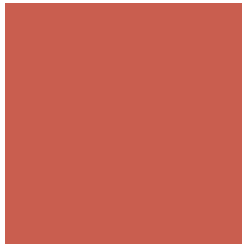
16.4703, 22.3345, 38.1873



0.8120, 1.1217, 1.8189

Previews

White Background



This preview shows how the XYZ color 29.5014, 20.9874, 9.8932 looks on a white background.

Color Contrast Check

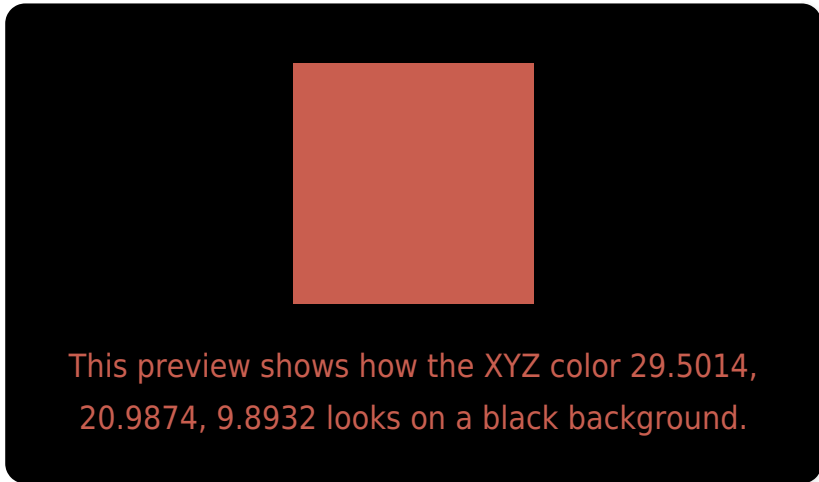
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5014, 20.9874, 9.8932

Background



This preview shows how black text looks on a background with the XYZ color 29.5014, 20.9874, 9.8932.



This preview shows how white text looks on a background with the XYZ color 29.5014, 20.9874,

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

29.5014, 20.9874, 9.8932

Protanopia

19.6745, 21.1857, 13.1775

Deuteranopia

21.3998, 21.0392, 9.4116



Tritanopia

30.3028, 20.9206, 13.9962

Trichromacy



Original Color

29.5014, 20.9874, 9.8932

Protanomaly

22.3482, 20.4232, 11.7810

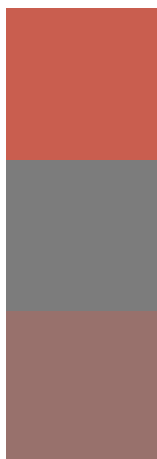
Deuteranomaly

23.7835, 20.5486, 9.5502

Tritanomaly

30.0726, 20.9662, 12.3594

Monochromacy



Original Color

29.5014, 20.9874, 9.8932

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.5608, 19.5684, 16.8281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5014, 20.9874, 9.8932 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, 94, 79)` looks like.

```
.text, #text, p{  
    color:rgb(201, 94, 79)  
}
```

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, 94, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 94, 79) }
```

Border

The CSS property to change the border of an element to XYZ 29.5014, 20.9874, 9.8932 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, 94, 79) }
```


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

```
.border{ border-color:rgb(201, 94, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 94, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 94, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 94, 79);  
box-shadow:4px 4px 4px 4px rgb(201, 94,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5014, 20.9874, 9.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 94, 79) }
```

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

```
.background{ background-color: rgb(201, 94,  
79) }
```

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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